Self Diagnosis Supported model

SERVICE MANUAL

WAX2F CHASSIS

MODEL	COMMANDER	DEST	MODEL	COMMANDER	DEST
KDL-40W2000	RM-ED008	AEP	KDL-40W2000	RM-ED008	UK
KDL-46W2000	RM-ED008	AEP	KDL-46W2000	RM-ED008	UK

KDL-40W2000 / KDL-46W2000

RM-ED008

FLAT PANEL COLOR TV

SONY®

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

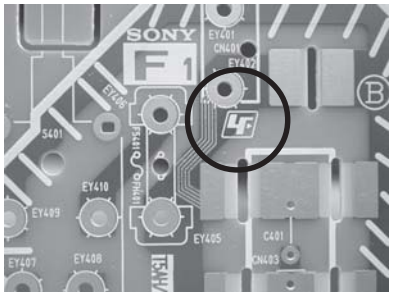
COMPONENTS IDENTIFIED BY SHADING AND MARKED ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

CAUTION

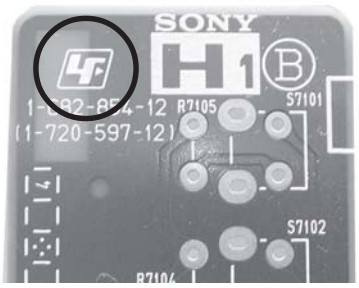
Lead Free Soldered Boards

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [see examples]. The servicing of these boards requires special precautions to be taken as outlined below.

example 1



example 2



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System
E	B/G/H, D/K, I, L,DVB-T	GERMAN/NICAM Stereo	VHF : E02-E12 UHF : E21-E69 CATV : S01-S20 HYPER : S21-S41 D/K : R1-R12, R21-R69 L : F2-F10, B-Q, F21-F69 I : UHF B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML
U	I, DVB-T	NICAM Stereo	UHF : B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML

<table>
<tr><td rowspan="2">Projected Picture Size</td><td rowspan="2">LCD(Liquid Crystal Display) Panel
Approx 101.6cm (KDL-40W2000)
Approx 116.8cm (KDL-46W2000).</td><td colspan="2">Sound Output</td></tr>
<tr><td>Right and Left speaker
Sub-woofer</td><td>2 x 10W (RMS)</td></tr>
<tr><td colspan="2">Input/Output Terminals [REAR]</td><td colspan="2">General Specifications</td></tr>
<tr><td rowspan="2">1: 21-pin Euro connector
(CENELEC standard)</td><td rowspan="2">Inputs for Audio and Video signals.
Inputs for RGB.
Outputs of TV Video and Audio signals.</td><td>Power Requirements</td><td>220 - 240V</td></tr>
<tr><td>Power Consumption/
Standby</td><td>Approx 185W/0.3W (KDL-40W2000)
Approx 225W/0.3W (KDL-46W2000)</td></tr>
<tr><td rowspan="2">2: 21-pin Euro connector
(CENELEC standard)</td><td rowspan="2">Inputs for Audio and Video signals.
Inputs for RGB.
Outputs of Video and Audio signals (Selectable). SmartLink interface.</td><td>Dimensions</td><td>Approx 988x715x266mm
(KDL-40W2000 with stand)
Approx 988x665x105mm
(KDL-40W2000 without stand)
Approx 1120x805x334mm
(KDL-46W2000 with stand)
Approx 1120x755x118mm
(KDL-46W2000 without stand)</td></tr>
<tr><td>Weight</td><td>Approx 27.5kg (KDL-40W2000 with stand)
Approx 23.0kg (KDL-40W2000 without stand)
Approx 36.0kg (KDL-46W2000 with stand)
Approx 30.0kg (KDL-46W2000 without stand)</td></tr>
<tr><td>Phono Jacks</td><td>Output Connectors variable for Audio Signals.</td><td>Supplied Accessories</td><td>RM-ED008 Remote Commander (1)
IEC designated R06 battery (2)
Mains Lead (1)
Coaxial Lead (1)
Cable Holder (1)
Support Belt (1) and Screws (2)
Stand (1) and Screws (4)</td></tr>
<tr><td>HDMI Inputs</td><td>HDMI Connectors.</td><td rowspan="3">Other Features</td><td rowspan="3">Wide viewing angle LCD Panel, DVB-T Tuner, Live colour creation, Highly integrated system-on-a-chip (Trident), HDMI input, PC input.</td></tr>
<tr><td>PC Input</td><td>15 Pin D-Sub Connector.</td></tr>
<tr><td>CAM</td><td>Conditional Access Module</td></tr>
<tr><td colspan="2">Input/Output Terminals [SIDE]</td><td colspan="2">Remote control system : Infrared control</td></tr>
<tr><td>Headphone jack</td><td>Stereo mini jack</td><td rowspan="4">Power requirements</td><td rowspan="4">3V dc
2 batteries IEC designation
R06 (size AA)</td></tr>
<tr><td>Audio input</td><td>Phono jacks</td></tr>
<tr><td>Video input</td><td>Phono jack</td></tr>
<tr><td>S Video input</td><td>4 pin mini DIN</td></tr>
<tr><td colspan="4">Design and specifications are subject to change without notice.</td></tr>
</table>

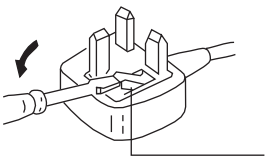
Model Name Item	KDL-40W2000 KDL-46W2000 (AEP)	KDL-40W2000 KDL-46W2000 (UK)
PAP	OFF	OFF
PAT	OFF	OFF
RGB Priority	ON	ON
Sub Woofer	OFF	OFF
Scart 1	ON	ON
Scart 2	ON	ON
Front in (6)	ON	ON
Projector	OFF	OFF
Norm B/G	ON	OFF
Norm I	ON	ON
Norm D/K	ON	OFF
Norm AUS	OFF	OFF
Norm L	ON	OFF
Norm SAT	OFF	OFF
Norm M	OFF	OFF
Teletext	ON	ON
Nicam Stereo	ON	ON

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **10 AMP** rating. Should the fuse need to be replaced, use a **10 AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the ASTA mark.

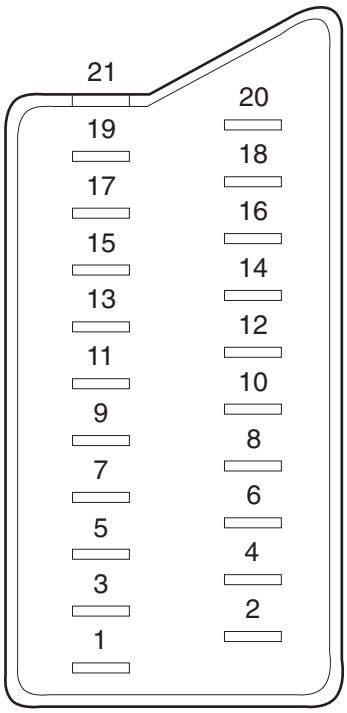
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with a **10 AMP FUSE**, otherwise the circuit should be protected by a **10 AMP FUSE** at the distribution board.



How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

21 pin connector



Pin No	1	2	Signal	Signal level
1	○	○	Audio output B (right)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
2	○	○	Audio input B (right)	Standard level : 0.5V rms Output impedence : More than 10kohm*
3	○	○	Audio output A (left)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
4	○	○	Ground (audio)	
5	○	○	Ground (blue)	
6	○	○	Audio input A (left)	Standard level : 0.5V rms Output impedence : More than 10kohm*
7	○	○	Blue input	0.7 +/- 3dB, 75 ohms positive
8	○	○	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedence : More than 10K ohms Input capacitance : Less than 2nF
9	○	○	Ground (green)	
10	●	○	AVlink	
11	○	○	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	●	●	Open	
13	○	○	Ground (red)	
14	○	○	Ground (blanking)	
15	○	○	Red input	0.7 +/- 3dB, 75 ohms, positive
	-	-	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	○	○	Blanking input (Ys signal)	High state (1-3V) Low state (0-0.4V) Input impedence : 75 ohms
17	○	○	Ground (video output)	
18	○	○	Ground (video input)	
19	○	○	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	○	○	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	-	-	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	○	○	Common ground (plug, shield)	

○ Connected ● Not Connected (open) * at 20Hz - 20kHz

Rear Connection Panel

Side Connection Panel

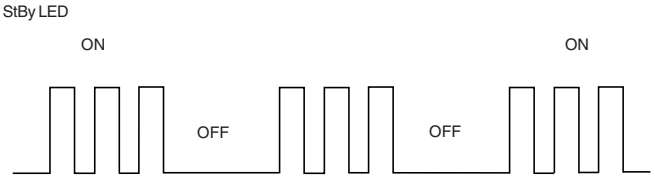
S-Video socket

S Video socket pin configuration		
Pin No	**Signal**	**Signal Level**
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V+/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V+/- 3dB 75ohm, positive Sync.

WAX2F SELF DIAGNOSTIC SOFTWARE

The identification of errors within the WAX2F chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

Flash Timing Example : e.g. error number 3



LED Error Code

LED ERROR CODE	ERROR DESCRIPTION
1	UNREG33V Supply Voltage Trouble (DCALERT3)
2	VD1.8, DE5V/6V Voltage Trouble (DCALERT2)
3	UNREG10.5V, PANEL5V Voltage Trouble (DCALERT1)
4	Backlight Trouble
5	Main Supply Voltage Trouble
6	Speaker Applied Voltage Trouble
7	Monitor an Increase in Inside-Temperature (esp. on the panel side)
8	Trident IC Trouble
9	DTT Trouble (Communications / BS_CS_PROT)

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

1: Checking the accessories

Remote RM-ED008 (1)

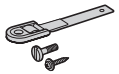
Size AA batteries (R6 type) (2)

Mains lead (Type BF) (1)

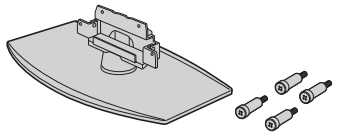
Coaxial cable (1)

Cable holder (1)

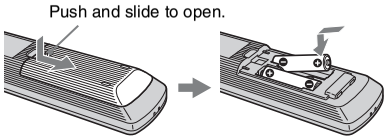
Support belt (1) and screws (2)



Stand (1) and screws (4)



To insert batteries into the remote

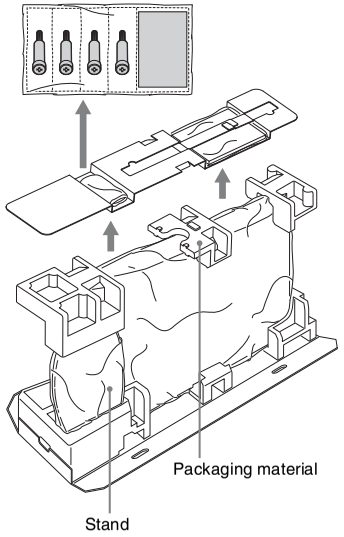


Notes

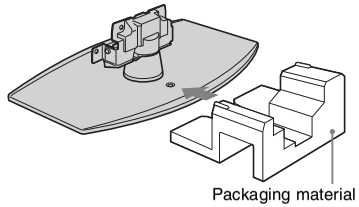
- Observe the correct polarity when inserting batteries.
- Do not use different types of batteries together or mix old and new batteries.
- Dispose of batteries in an environmentally friendly way. Certain regions may regulate disposal of the battery. Please consult your local authority.
- Handle the remote control with care. Do not drop or step on it, or spill liquid of any kind onto it.
- Do not place the remote control in a location near a heat source, or in a place subject to direct sunlight, or in a damp room.

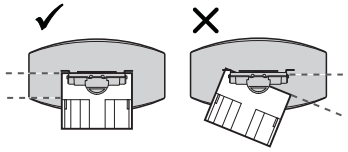
2: Attaching the stand

1

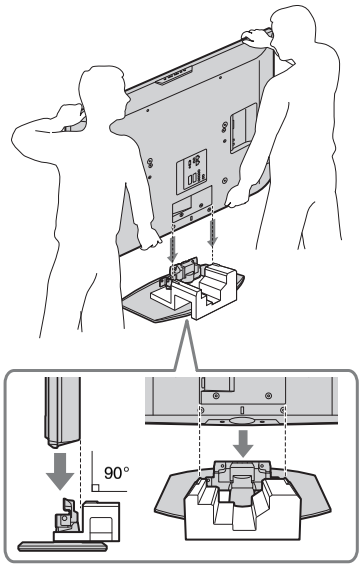


2

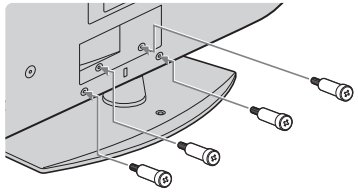




3



4



1 Take out the stand, screws, and packaging material to begin stand setup.

2 Set the packaging material as shown.

3 Place the TV directly to the stand as shown.

After placing the TV on the stand, remove the packaging material.

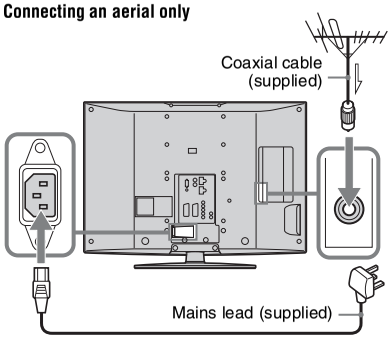
4 Fix the TV to the stand using the supplied screws.

Notes

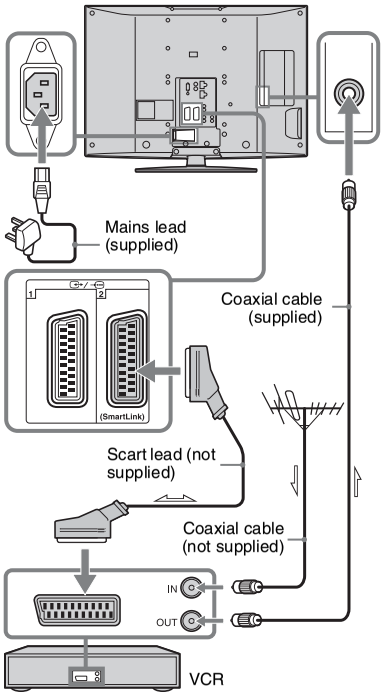
- This TV is very heavy, so two or more people should place the TV on the stand.
- If using an electric screwdriver, set the tightening torque at approximately 1.5 N·m (15 Kgf·cm).

3: Connecting an aerial/ VCR

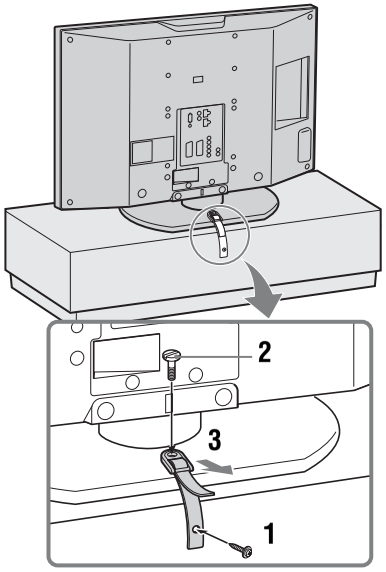
Connecting an aerial only



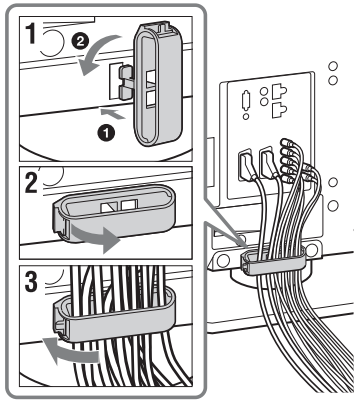
Connecting an aerial and VCR



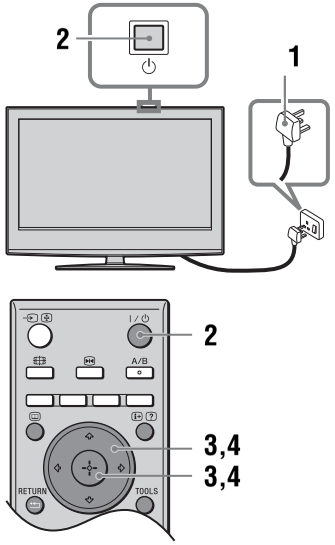
4: Preventing the TV from toppling over



5: Bundling the cables



6: Selecting the language and country/ region

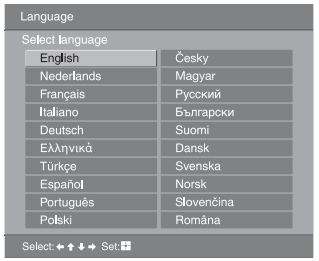


1 Connect the TV to your mains socket (220-240V AC, 50Hz).

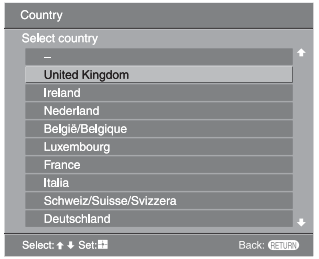
2 Press ⏻ on the TV (top side).

When you switch on the TV for the first time, the Language menu appears on the screen.
When the TV is in standby mode (the ⏻ (standby) indicator on the TV (front) is red), press I/⏻ on the remote to switch on the TV.

3 Press ⇧/⇩/⇦/⇨ to select the language displayed on the menu screens, then press ⊕.



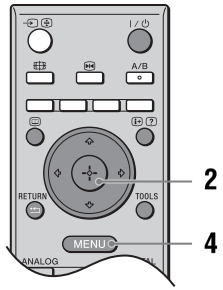
4 Press ⇧/⇩ to select the country/region in which you will operate the TV, then press ⊕.



If the country/region in which you want to use the TV does not appear in the list, select "-" instead of a country/region.
The message confirming the TV start auto-tuning appears on the screen, then go to "7: Auto-tuning the TV".

7: Auto-tuning the TV

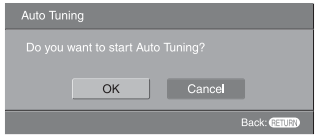
The TV will now search for and store all available TV channels.



1 Before you start auto-tuning the TV, insert a pre-recorded tape into the VCR connected to the TV (page 6) and start play back.

The video channel will be located and stored on the TV during auto-tuning.
If no VCR is connected to the TV, this procedure is not required. Go to step 2.

2 Press ←/→ to select "OK", then press ⊕.



The TV starts searching for all available digital channels, followed by all available analogue channels. This may take some time, please be patient and do not press any buttons on the TV or remote.

If a message appears for you to confirm the aerial connections

No digital or analogue channels were found. Check all the aerial connections and press ⊕ to start auto-tuning again.

3 When the Programme Sorting menu appears on the screen, follow the steps of "Programme Sorting" (page 32).

If you do not change the order in which the analogue channels are stored on the TV, go to step 4.

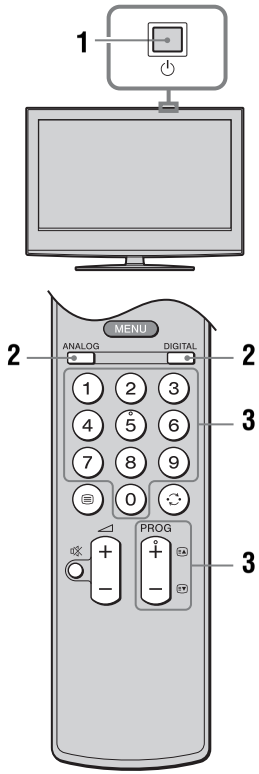
4 Press MENU to exit.

The TV has now tuned in all the available channels.

Note

When a digital broadcast channel cannot be received, or when selecting a region in which there are no digital broadcasts in step 4 under "6: Selecting the language and country/region", the time must be set from "Clock Set" in the "Set-up" menu (page 29) after performing step 4.

Watching TV



1 Press ⏻ on the TV (top side) to switch on the TV.

When the TV is in standby mode (the ⏻ (standby) indicator on the TV (front) is red), press I/⏻ on the remote to switch on the TV.

2 Press DIGITAL to switch to digital mode or ANALOG to switch to analogue mode.

The channels available vary depending on the mode.

3 Press the number buttons or PROG +/- to select a TV channel.

To select channel numbers 10 and above using the number buttons, enter the second and third digits within two seconds.
To select a digital channel using the Digital Electronic Programme Guide (EPG), see page 18.

In digital mode

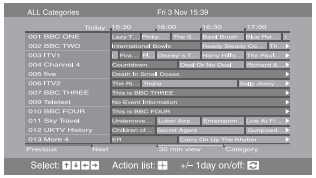
An information banner appears briefly. The following icons may be indicated on the banner.

- : Interactive service is available (Digital Text)
- : Radio service
- : Scrambled/Subscription service
- : Multiple audio languages available
- : Subtitles available
- : Subtitles available for the hearing impaired
- : Recommended minimum age for current programme (from 4 to 18 years)
- : Parental Lock
- : Current programme is being recorded

Additional operations

To	Do this
Turn off the TV temporarily (Standby mode)	Press I/⏻.
Turn on the TV from Standby mode without sound	Press 🔇. Press +/- to set the volume level.
Turn off the TV	Press ⏻ on the TV (top side).
Adjust the volume	Press + (increase)/ - (decrease).
Mute the sound	Press 🔇. Press again to restore.
Access the Programme index table (in analogue mode only)	Press ⊕. To select an analogue channel, press ↑/↓, then press ⊕. To access the Input signal index table, see page 21.

Checking the Digital Electronic Programme Guide (EPG) DVB*



Digital Electronic Programme Guide (EPG)

* This function may not be available in some countries.

1 In digital mode, press ⊞ to display the Digital Electronic Programme Guide (EPG).

2 Perform the desired operation, as shown in the following table.

Note

Programme information will only be displayed if the TV station is transmitting it.

To	Do this
Turn off the EPG	Press ⊞.
Move through the EPG	Press ↑/↓/←/→.
Watch a current programme	Press ⊕ while the current programme is selected.
Sort the programme information by category – Category list	**1** Press the blue button. **2** Press ↑/↓/←/→ to select a category. The category name is displayed on the side. The categories available include: "Favourite": Contains all the channels that have been stored in the Favourite list (page 20). "All Categories": Contains all available channels. Category name (e.g. "News"): Contains all channels corresponding to the selected category. **3** Press ⊕. The Digital Electronic Programme Guide (EPG) now only displays the current programmes from the category selected.
Set a programme to be recorded – Timer REC	**1** Press ↑/↓/←/→ to select the future programme you want to record. **2** Press ⊕. **3** Press ↑/↓ to select "Timer REC". **4** Press ⊕ to set the TV and your VCR timers. A ⏺ symbol appears by that programme's information. The ⏲ indicator on the TV (front) lights up in orange. **Notes** • You can set VCR timer recording on the TV only for Smartlink compatible VCRs. If your VCR is not Smartlink compatible, a message will be displayed to remind you to set your VCR timer. • Once a recording has begun, you can switch the TV to standby mode, but do not switch off the TV completely or the recording may be cancelled. • If an age restriction for programmes has been selected, a message asking for pin code will appear on the screen. For more details refer to "Parental Lock" on page 36.

Viewing pictures from connected equipment

Switch on the connected equipment, then perform one of the following operation.

For equipment connected to the scart sockets using a fully-wired 21-pin scart lead (page 38)

Start playback on the connected equipment.
The picture from the connected equipment appears on the screen.

For an auto-tuned VCR (page 8)

In analogue mode, press PROG +/-, or the number buttons, to select the video channel.

For other connected equipment (page 37)

Press →/⏻ repeatedly until the correct input symbol (see below) appears on the screen.

On screen display	Labels of input jacks
→ AV1/2 or AV1/2	1/2 or 1/2
AV3	3 (Y, PB/CB, PR/CR) and 3 (L, R)
AV4	HDMI IN 4 and HDMI IN 4 (L, R)
AV5	HDMI IN 5
S AV6 or → AV6	S 6 or → 6, and 6 (L (MONO), R)
PC	PC and PC

Additional operations

To	Do this
Return to normal TV mode	Press DIGITAL or ANALOG.
Access the Input signal index table (except for PC video input signal)	Press ⊕ to access the Input signal index table. (Then, only in analogue mode, press →.) To select an input source, press ↑/↓, then press ⊕.

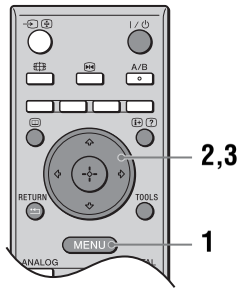
Using the Tools menu

Press TOOLS to display the following options when viewing pictures from connected equipment other than PC.

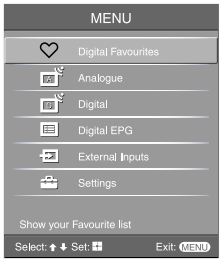
Options	Description
Close	Closes the Tools menu.
Power Saving	See page 29.
Picture Mode	See page 23.
Sound Mode	See page 25.
Auto Clock Set (in analogue mode only)	Allows you to switch to digital mode and obtain the time.
Sleep Timer	See page 28.
🎧 Volume	Adjusts the volume of the headphones.

Navigating through menus

"MENU" allows you to enjoy various convenient features of this TV. You can easily select channels or inputs sources and change the settings for your TV.



1 Press MENU to display the menu.



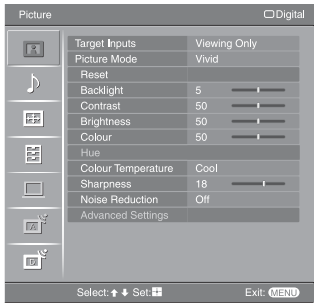
Icon	Description
	Digital Favourites Displays the Favourite list. For details about settings, see page 20.
	Analogue Returns to the last viewed analogue channel.
	Digital Returns to the last viewed digital channel.
	Digital EPG Displays the Digital Electronic Programme Guide (EPG). For details about settings, see page 18.
	External Inputs Selects equipment connected to your TV. • To watch the desired external input, select the input source, then press ⊕. • To assign a label to an external input, select "Edit AV Labels", then see page 28.
	Settings Displays the Settings menu where most of the advanced settings and adjustments are performed. For details about settings, see page 23 to 36. **Note** The options you can adjust vary depending on the situation. Unavailable options are greyed out or not displayed.

2 Press ⇧/⇩ to select an option.

3 Press ⊕ to confirm a selected option.

To exit the menu, press MENU.

Picture menu



You can select the options listed below on the Picture menu.

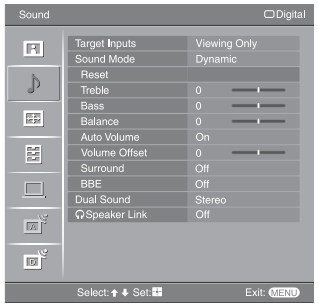
1 Press ⇧/⇩ to select "Settings" on MENU, then press ⊕.

2 Press ⇧/⇩ to select a menu icon, then press ⊕.

3 Press ⇧/⇩/⇦/⇨ to select an option.

Target Inputs	Selects whether to apply settings made in the Picture menu to all inputs, or only to the input currently being watched. "All": Applies settings to all inputs. "Viewing Only": Applies settings only to the current input.
Picture Mode	Selects the picture mode except for PC input source. "Vivid": For enhanced picture contrast and sharpness. "Standard": For standard picture. Recommended for home entertainment. "Custom": Allows you to store your preferred settings.
Display Mode	Selects the display mode for PC input souce. "Video": For video images. "Text": For text, charts or tables.
Reset	Resets all picture settings except "Target Inputs", "Picture Mode" and "Display Mode" to the factory settings.
Backlight	Adjusts the brightness of the backlight. **Tip** "Backlight" is not available when you set "Power Saving" to "High" (page 29).
Contrast	Increases or decreases picture contrast.
Brightness	Brightens or darkens the picture.
Colour	Increases or decreases colour intensity.
Hue	Increases or decreases the green tones and red tones. **Tip** "Hue" can only be adjusted for an NTSC colour signal (e.g., U.S.A. video tapes).

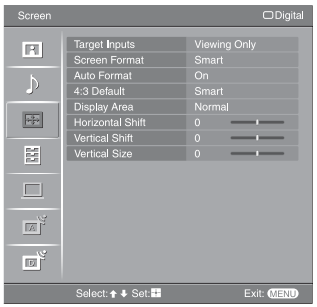
Sound menu



You can select the options listed below on the Sound menu. To select options in “Settings”, refer to “Picture menu” (page 23).

Target Inputs	Selects whether to apply settings made in the Sound menu to all inputs, or only to the input currently being watched. “All”: Applies settings to all inputs. “Viewing Only”: Applies settings only to the current input.
Sound Mode	Selects the sound mode. “Dynamic”: Enhances treble and bass. “Standard”: For standard sound. Recommended for home entertainment. “Custom”: Flat response. Also allows you to store your preferred settings.
Reset	Resets the sound settings except “Sound Mode”, “Dual Sound” and “Speaker Link” to the factory settings.
Treble	Adjusts higher-pitched sounds.
Bass	Adjusts lower-pitched sounds.
Balance	Emphasizes left or right speaker balance.
Auto Volume	Keeps a constant volume level even when volume level gaps occur (e.g., adverts tend to be louder than programmes).
Volume Offset	Adjusts the volume level of the current input relative to other inputs, when “Target Inputs” is set to “Viewing Only”.
Surround	Selects the surround mode. “TruSurround XT”: For surround sound (for stereo programmes only). “Simulated Stereo”: Adds a surround-like effect to mono programs. “Off”: For normal stereo or mono reception.
BBE	Gives sound more impact by compensating for phase effects in speakers using the “BBE High Definition Sound System”.

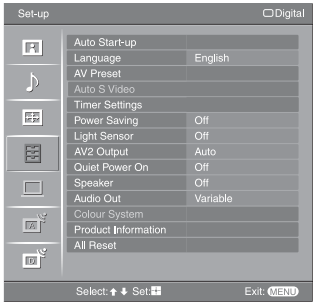
Screen menu



You can select the options listed below on the Screen menu. To select options in “Settings”, refer to “Picture menu” (page 23).

Target Inputs	Selects whether to apply settings made in the Screen menu to all inputs, or only to the input currently being watched. “All”: Applies settings to all inputs. “Viewing Only”: Applies settings only to the current input.
Screen Format	For details about the screen format, see “To change the screen format manually to suit the broadcast” (page 16).
Auto Format	Automatically changes the screen format according to the broadcast signal. To keep your setting, select “Off”. **Tips** • Even if you have selected “On” or “Off” in “Auto Format”, you can always modify the format of the screen by pressing repeatedly. • “Auto Format” is available for PAL and SECAM signals only.
4:3 Default	Selects the default screen format for use with 4:3 broadcasts. “Smart”: Displays conventional 4:3 broadcasts with an imitation wide screen effect. “4:3”: Displays conventional 4:3 broadcasts in the correct proportions. “Off”: Keeps the current “Screen Format” setting when the channel or input is changed. **Tip** This option is available only if “Auto Format” is set to “On”.
Display Area	Adjusts the screen area displaying the picture. “Full Pixel”: Displays the picture for 1080i or 1080p sources in the original size when parts of the picture are cut off. “Normal”: Displays the picture in the original size. “–1”/“–2”: Enlarges the picture to hide the edge of the picture.
Horizontal Shift	Adjusts the horizontal position of the picture.
Vertical Shift	Adjusts the vertical position of the picture when the screen format is set to “Smart”, “Zoom” or “14:9”.
Vertical Size	Adjusts the vertical size of the picture when the screen format is set to “Smart”, “Zoom” or “14:9”.

Set-up menu



You can select the options listed below on the Set-up menu. To select options in "Settings", refer to "Picture menu" (page 23).

Auto Start-up

Starts the "first time operation menu" to select the language and country/region, and tune in all available digital and analogue channels. Usually, you do not need to do this operation because the language and country/region will have been selected and channels already tuned when the TV was first installed (page 7, 8). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Language

Selects the language in which the menus are displayed.

AV Preset

Assigns a name to any equipment connected to the side and rear sockets. The name will be displayed briefly on the screen when the equipment is selected. You can skip an input source that is not necessary.

1 Press ⇧/⇩ to select the desired input source, then press ⊕.

2 Press ⇧/⇩ to select the desired option below, then press ⊕.

Equipment labels: Uses one of the preset labels to assign a name to connected equipment.
"Edit:": Creates your own label. Follow steps 2 to 4 of "Programme Labels" (page 32).
"Skip": Skips an unnecessary input source when you press ⇥ to select the input source.

Auto S Video

Selects the input signal from S video sockets S⇥6 when S⇥/⇥6 sockets are both connected.

Timer Settings

Sets the timer to turn on/off the TV.

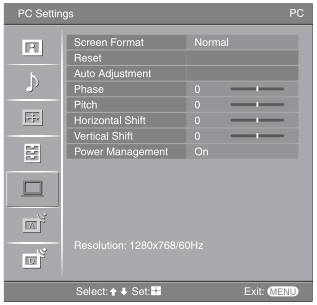
Sleep Timer

Sets a period of time after which the TV automatically switches itself into standby mode.
When the Sleep Timer is activated, the ⏲ (Timer) indicator on the TV (front) lights up in orange.

Tips

- If you switch off the TV and switch it on again, "Sleep Timer" is reset to "Off".
- "TV will soon turn off by Sleep Timer" appears on the screen one minute before the TV switches to standby mode.

PC Settings menu



You can select the options listed below on the PC Settings menu. To select options in "Settings", refer to "Picture menu" (page 23).

Screen Format

Selects a screen format for displaying input from your PC.
"Normal": Displays the picture in its original size.
"Full1": Enlarges the picture to fill the display area, keeping its original horizontal-to-vertical aspect ratio.
"Full2": Enlarges the picture to fill the display area.

Reset

Resets the PC settings except "Screen Format" and "Power Management" to the factory settings.

Auto Adjustment

Automatically adjusts the display position and phase of the picture when the TV receives an input signal from the connected PC.

Tip

Auto Adjustment may not work well with certain input signals. In such cases, manually adjust "Phase", "Pitch", "Horizontal Shift" and "Vertical Shift".

Phase

Adjusts the phase when the screen flickers.

Pitch

Adjusts the pitch when the picture has unwanted vertical stripes.

Horizontal Shift

Adjusts the horizontal position of the picture.

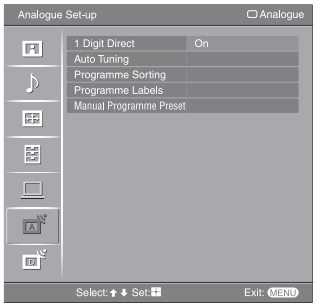
Vertical Shift

Adjusts the vertical position of the picture.

Power Management

Switches the TV to standby mode if no signal is received for 30 seconds.

Analogue Set-up menu (Analogue mode only)



You can change/set the analogue settings using the Analogue Set-up menu. To select options in "Settings", refer to "Picture menu" (page 23).

1 Digit Direct

When "1 Digit Direct" is set to "On", you can select an analogue channel using one preset number button (0 - 9) on the remote.

Note

When "1 Digit Direct" is set to "On", you cannot select channel numbers 10 and above entering two digits using the remote.

Auto Tuning

Tunes in all the available analogue channels.
Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 8). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Programme Sorting

Changes the order in which the analogue channels are stored on the TV.

1 Press ⇧/⇩ to select the channel you want to move to a new position, then press ⊕.
2 Press ⇧/⇩ to select the new position for your channel, then press ⊕.

Programme Labels

Assigns a channel name of your choice up to five letters or numbers. The name will be displayed briefly on the screen when the channel is selected. (Names for channels are usually taken automatically from Analogue Text (if available).)

1 Press ⇧/⇩ to select the channel you want to name, then press ⊕.
2 Press ⇧/⇩ to select the desired letter or number ("_" for a blank space), then press ⇨.

If you input a wrong character

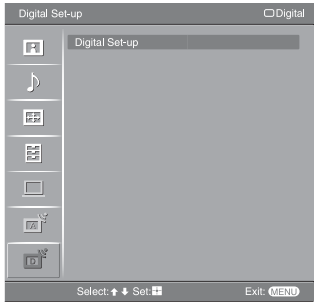
Press ⇦/⇨ to select the wrong character. Then, press ⇧/⇩ to select the correct character.

To delete all the characters

Select "Reset", then press ⊕.

3 Repeat the procedure in step 2 until the name is complete.
4 Select "OK", then press ⊕.

Digital Set-up menu DVB



You can change/set the digital settings using the Digital Set-up menu. Select "Digital Set-up" and press ⊕ to display the following menus. To select options in "Settings", refer to "Picture menu" (page 23).

Digital Tuning

Displays the "Digital Tuning" menu.

Digital Auto Tuning

Tunes in all the available digital channels.
Usually you do not need to do this operation because the channels are already tuned when the TV was first installed (page 8). However, this option allows you to repeat the process (e.g., to retune the TV after moving house, or to search for new channels that have been launched by broadcasters).

Programme List Edit

Removes any unwanted digital channels stored on the TV, and changes the order of the digital channels stored on the TV.

1 Press ⇧/⇩ to select the channel you want to remove or move to a new position.

If you know the programme number (frequency)

Press the number buttons to enter the three-digit programme number of the broadcast you want.

2 Remove or change the order of the digital channels as follows:

To remove the digital channel

Press ⊕. A message that confirms whether the selected digital channel is to be deleted appears. Press ⇦ to select "Yes", then press ⊕.

To change the order of the digital channels

Press ⇨, then press ⇧/⇩ to select the new position for the channel and press ⇦. Repeat the procedure in steps 1 and 2 to move other channels if required.

3 Press RETURN.

Digital Manual Tuning

Tunes the digital channels manually.

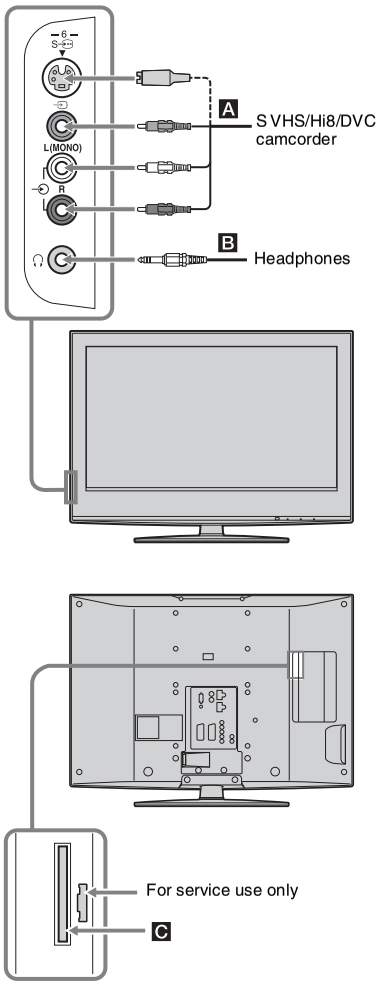
1 Press the number button to select the channel number you want to manually tune, then press ⇧/⇩ to tune the channel.
2 When the available channels are found, press ⇧/⇩ to select the channel you want to store, then press ⊕.
3 Press ⇧/⇩ to select the programme number where you want to store the new channel, then press ⊕.

Repeat the procedure above to tune other channels manually.

Connecting optional equipment

You can connect a wide range of optional equipment to your TV. Connecting cables are not supplied.

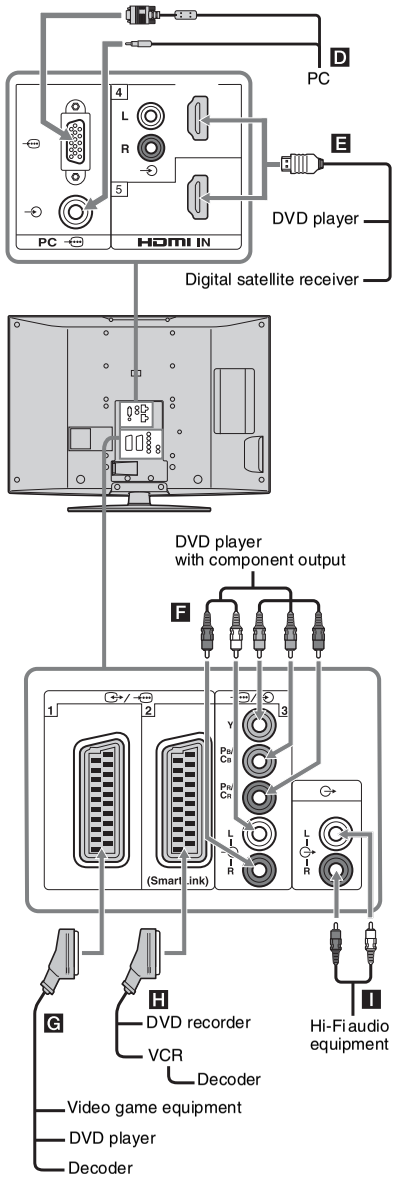
Connecting to the TV (side)



To connect	Do this
S VHS/Hi8/DVC camcorder A	Connect to the S video socket S 6 or the composite video socket 6, and the audio L (MONO)/R sockets 6. To avoid picture noise, do not connect the camcorder to the video socket 6 and the S video socket S 6 at the same time. If you connect mono equipment, connect to the L socket 6.
Headphones B	Connect to the socket to listen to sound from the TV on headphones.
Conditional Access Module (CAM) C	To use Pay Per View services. For details, refer to the instruction manual supplied with your CAM. To use the CAM, remove the rubber cover from the CAM slot. Switch off the TV when inserting your CAM into the CAM slot. When you do not use the CAM, we recommend that you replace the cover on the CAM slot. **Note** CAM is not supported in all countries. Please check with your authorized dealer.

Continued

Connecting to the TV (rear)



To connect	Do this
PC D	Connect to the PC / sockets. It is recommended to use a PC cable with ferrites.
Digital satellite receiver or DVD player E	Connect to the HDMI IN 4 or 5 socket if the equipment has a HDMI socket. The digital video and audio signals are input from the equipment. If the equipment has a DVI socket, connect the DVI socket to the HDMI IN 4 socket through a DVI - HDMI adaptor interface (not supplied), and connect the equipment's audio out sockets to the audio in HDMI IN 4 sockets. **Notes** • The HDMI sockets only support the following video inputs: 480i, 480p, 576i, 576p, 720p, 1080i and 1080p. To connect a PC, please use the PC socket. • Be sure to use only an HDMI cable that bears the HDMI logo.
DVD player with component output F	Connect to the component video sockets and the audio L/R sockets /3.
Video game equipment, DVD player or decoder G	Connect to the scart socket / 1. When you connect the decoder, the scrambled signal from the TV tuner is output to the decoder, then the unscrambled signal is output from the decoder.
DVD recorder or VCR that supports SmartLink H	Connect to the scart socket / 2. SmartLink is a direct link between the TV and a VCR/DVD recorder.
Hi-Fi audio equipment I	Connect to the audio output sockets to listen to the sound from the TV on Hi-Fi audio equipment.

Specifications

Display Unit

Power Requirements:
220–240 V AC, 50 Hz
Screen Size:
KDL-46W2000:
46 inches (Approx. 116.8 cm measured diagonally)
KDL-40W2000:
40 inches (Approx. 101.6 cm measured diagonally)
Display Resolution:
1,920 dots (horizontal) × 1,080 lines (vertical)
Power Consumption:
KDL-46W2000: 225 W
KDL-40W2000: 185 W
Standby Power Consumption:
0.3 W
Dimensions (w × h × d):
KDL-46W2000:
Approx. 1,120 × 805 × 334 mm (with stand)
Approx. 1,120 × 755 × 118 mm (without stand)
KDL-40W2000:
Approx. 988 × 715 × 266 mm (with stand)
Approx. 988 × 665 × 105 mm (without stand)
Mass:
KDL-46W2000:
Approx. 36.0 kg (with stand)
Approx. 30.0 kg (without stand)
KDL-40W2000:
Approx. 27.5 kg (with stand)
Approx. 23.0 kg (without stand)

Panel System

LCD (Liquid Crystal Display) Panel

TV System

Analogue: Depending on your country/region selection: B/G/H, D/K, L, I
Digital: DVB-T

Colour/Video System

Analogue: PAL, SECAM
NTSC 3.58, 4.43 (only Video In)
Digital: MPEG-2 MP@ML

Aerial

75 ohm external terminal for VHF/UHF

Channel Coverage

Analogue: VHF: E2–E12
UHF: E21–E69
CATV: S1–S20
HYPER: S21–S41
D/K: R1–R12, R21–R69
L: F2–F10, B–Q, F21–F69
I: UHF B21–B69
Digital: VHF/UHF

Terminals

/ 1
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.
/ 2 (SmartLink)
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output, and SmartLink interface.
3
Supported formats: 1080i, 720p, 576p, 576i, 480p, 480i
Y: 1 Vp-p, 75 ohms, 0.3V negative sync
PB/CB: 0.7 Vp-p, 75 ohms
PR/CR: 0.7 Vp-p, 75 ohms
3
Audio input (phono jacks)
500 mVrms
Impedance: 47 kilohms
HDMI IN 4, 5
Video: 1080p, 1080i, 720p, 576p, 576i, 480p, 480i
Audio: Two channel linear PCM
32, 44.1 and 48 kHz, 16, 20 and 24 bits
Analogue audio (phono jacks):
500 mVrms, Impedance 47 kilohms
(HDMI IN 4 only)
S 6 S video input (4-pin mini DIN)
6 Video input (phono jack)
6 Audio input (phono jacks)
Audio output (phono jacks)
PC PC Input (D-sub 15-pin) (see page 41)
G: 0.7 Vp-p, 75 ohms, non Sync on Green
B: 0.7 Vp-p, 75 ohms
R: 0.7 Vp-p, 75 ohms
HD: 1-5 Vp-p
VD: 1-5 Vp-p
PC audio input (minijack)
Headphones jack
CAM (Conditional Access Module) slot

Sound Output

10 W + 10 W

Supplied Accessories

Refer to “1: Checking the accessories” on page 4.

Optional Accessories

- Wall-Mount Bracket SU-WL51

Design and specifications are subject to change without notice.

PC Input Signal Reference Chart

Signals	Horizontal (Pixel)	Vertical (Line)	Horizontal frequency (kHz)	Vertical frequency (Hz)	Standard
VGA	**640**	**480**	**31.5**	**60**	**VGA**
	640	480	37.5	75	VESA
	720	400	31.5	70	VGA-T
SVGA	**800**	**600**	**37.9**	**60**	**VESA Guidelines**
	800	600	46.9	75	VESA
XGA	**1024**	**768**	**48.4**	**60**	**VESA Guidelines**
	1024	768	56.5	70	VESA
	1024	768	60	75	VESA
WXGA	**1280**	**768**	**47.4**	**60**	**VESA**
	1280	**768**	**47.8**	**60**	**VESA**
	1360	**768**	**47.7**	**60**	**VESA**

- This TV’s PC input does not support Sync on Green or Composite Sync.
- This TV’s PC input does not support interlaced signals.
- For the best picture quality, it is recommended to use the signals (boldfaced) in the above chart with a 60 Hz vertical frequency from a personal computer. In plug and play, signals with a 60 Hz vertical frequency will be selected automatically.

Troubleshooting

Check whether the ⏻ (standby) indicator is flashing in red.

When it is flashing

The self-diagnosis function is activated.

1 Count how many ⏻ (standby) indicator flashes between each two second break.
For example, the indicator flashes three times, then there is a two second break, followed by another three flashes, etc.

2 Press ⏻ on the TV (Top side) to switch it off, disconnect the mains lead, and inform your dealer or Sony service centre of how the indicator flashes (number of flashes).

When it is not flashing

1 Check the items in the tables below.

2 If the problem still persists, have your TV serviced by qualified service personnel.

Picture

Problem	Cause/Remedy
No picture (screen is dark) and no sound	• Check the aerial connection. • Connect the TV to the mains, and press ⏻ on the TV (top side). • If the ⏻ (standby) indicator lights up in red, press I/⏻.
No picture or no menu information from equipment connected to the scart connector	• Check that the optional equipment is on and press →/⊡ repeatedly until the correct input symbol is displayed on the screen. • Check the connection between the optional equipment and the TV.
Double images or ghosting	• Check aerial/cable connections. • Check the aerial location and direction.
Only snow and noise appear on the screen	• Check if the aerial is broken or bent. • Check if the aerial has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside).
Distorted picture (dotted lines or stripes)	• Keep the TV away from electrical noise sources such as cars, motorcycles, hair-dryers or optical equipment. • When installing optional equipment, leave some space between the optional equipment and the TV. • Make sure that the aerial is connected using the supplied coaxial cable. • Keep the aerial cable away from other connecting cables.
Picture noise when viewing a TV channel	• Select “Manual Programme Preset” in the “Analogue Set-up” menu and adjust “AFT” (Automatic Fine Tuning) to obtain better picture reception (page 33).
Some tiny black points and/or bright points on the screen	• The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.
No colour on programmes	• Select “Reset” in the “Picture” menu to return to the factory settings (page 23).
No colour or irregular colour when viewing a signal from the Y, PB/CB, PR/CR jacks of →3	• Check the connection of the Y, PB/CB, PR/CR jacks of →3. • Make sure that the Y, PB/CB, PR/CR jacks of →3 are firmly seated in their respective sockets.

Sound

Problem	Cause/Remedy
No sound, but good picture	• Press 🔊 +/– or 🔇 (Mute). • Check that “Speaker” is set to “On” in the “Set-up” menu (page 29).
Noisy sound	• See the “Picture noise” causes/remedies on page 42.

Channels

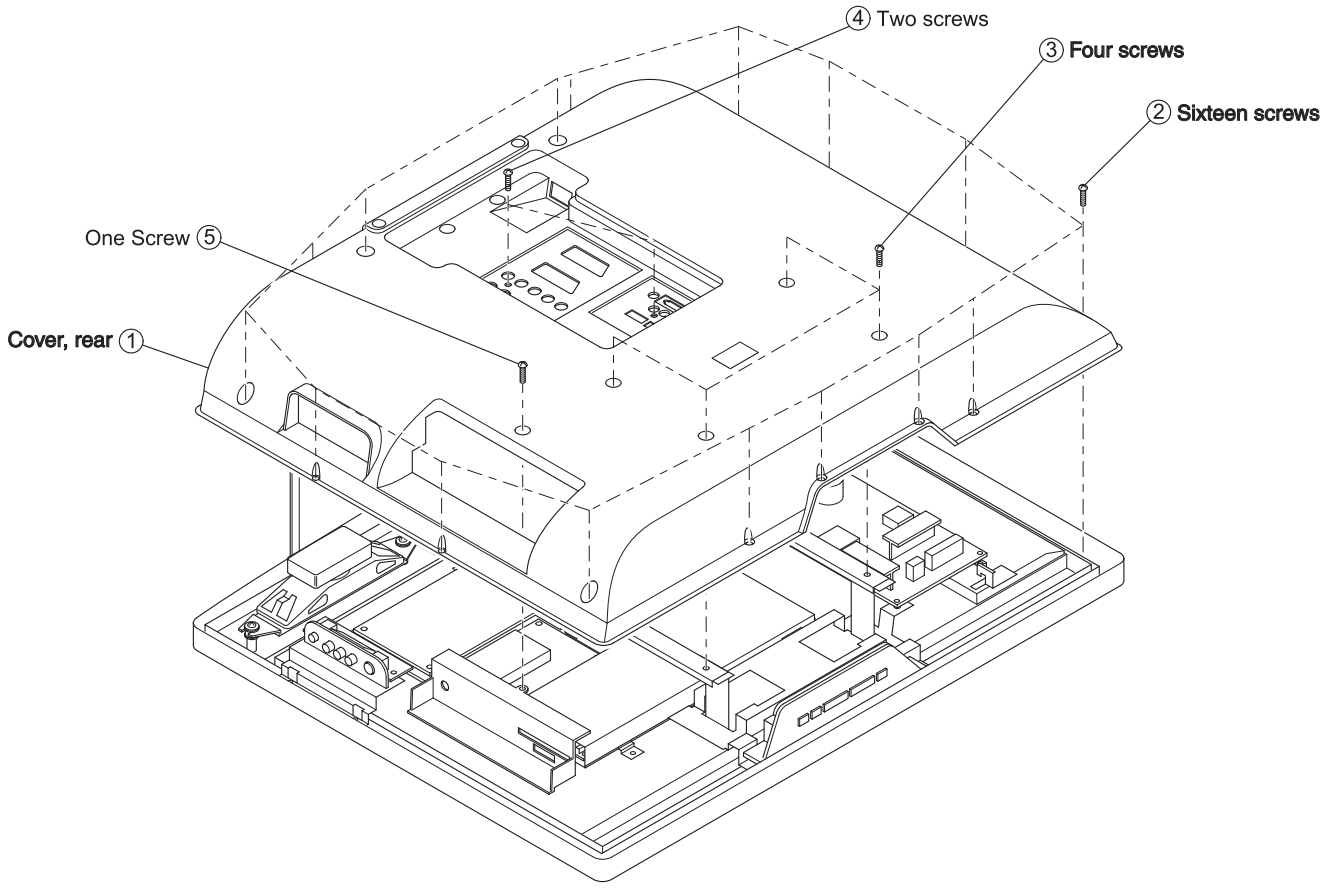
Problem	Cause/Remedy
The desired channel cannot be selected	• Switch between digital and analogue mode and select the desired digital/analogue channel.
Some channels are blank	• Scrambled/Subscription only channel. Subscribe to the Pay Per View service. • Channel is used only for data (no picture or sound). • Contact the broadcaster for transmission details.
Digital channel is not displayed	• Contact a local installer to find out if digital transmissions are provided in your area. • Upgrade to a higher gain aerial.

General

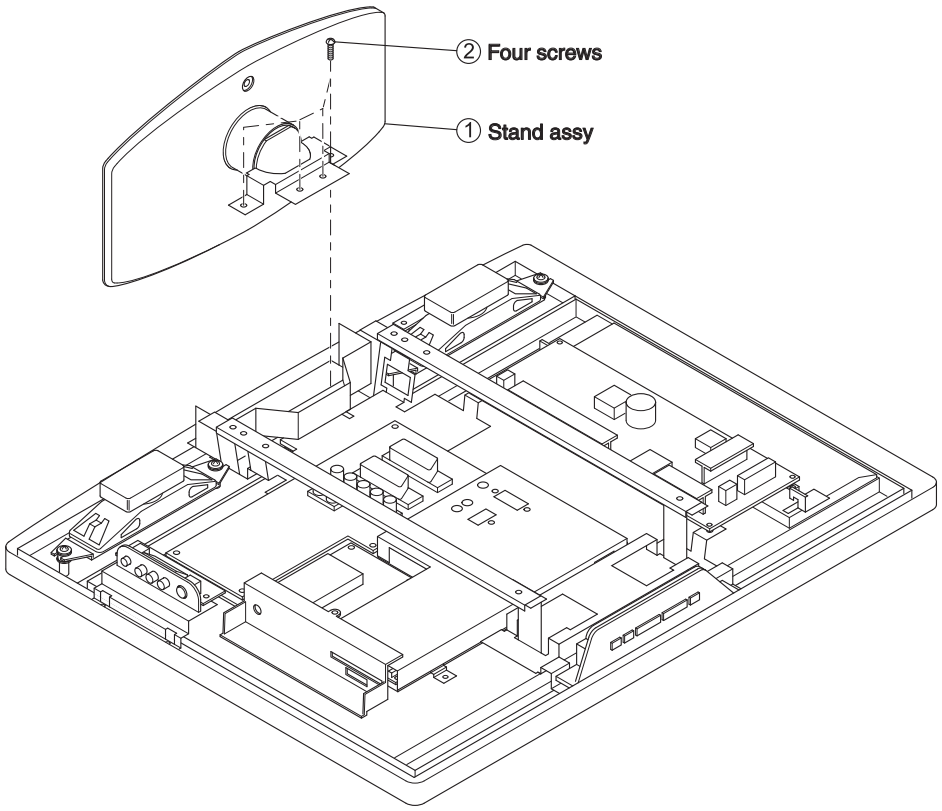
Problem	Cause/Remedy
The TV turns off automatically (the TV enters standby mode)	• Check if the “Sleep Timer” is activated, or confirm the “Duration” setting of “On Timer” (page 28). • If no signal is received and no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode.
The TV turns on automatically	• Check if the “On Timer” is activated (page 29).
Some input sources cannot be selected	• Select “AV Preset” in the “Set-up” menu and cancel “Skip” of the input source (page 28).
The remote does not function	• Replace the batteries.

SECTION 2 DISASSEMBLY

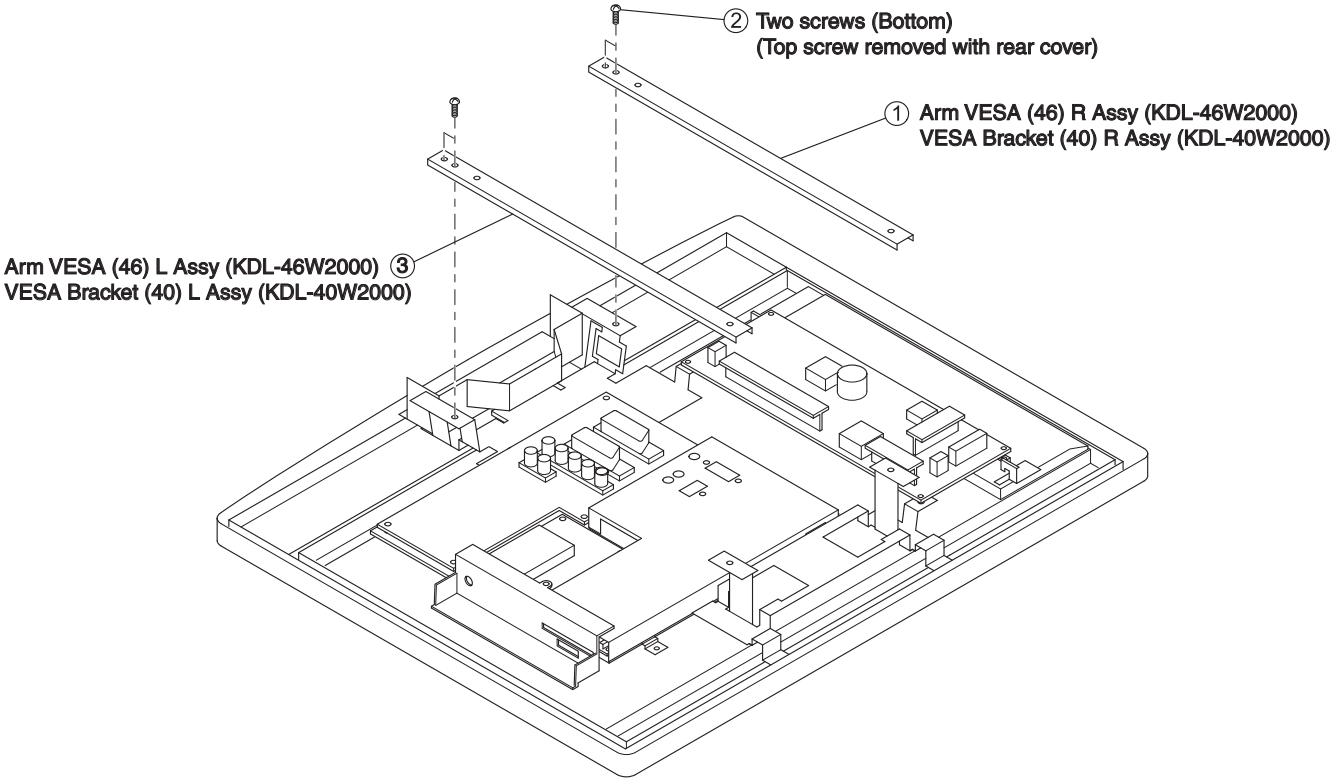
2-1. REAR COVER REMOVAL



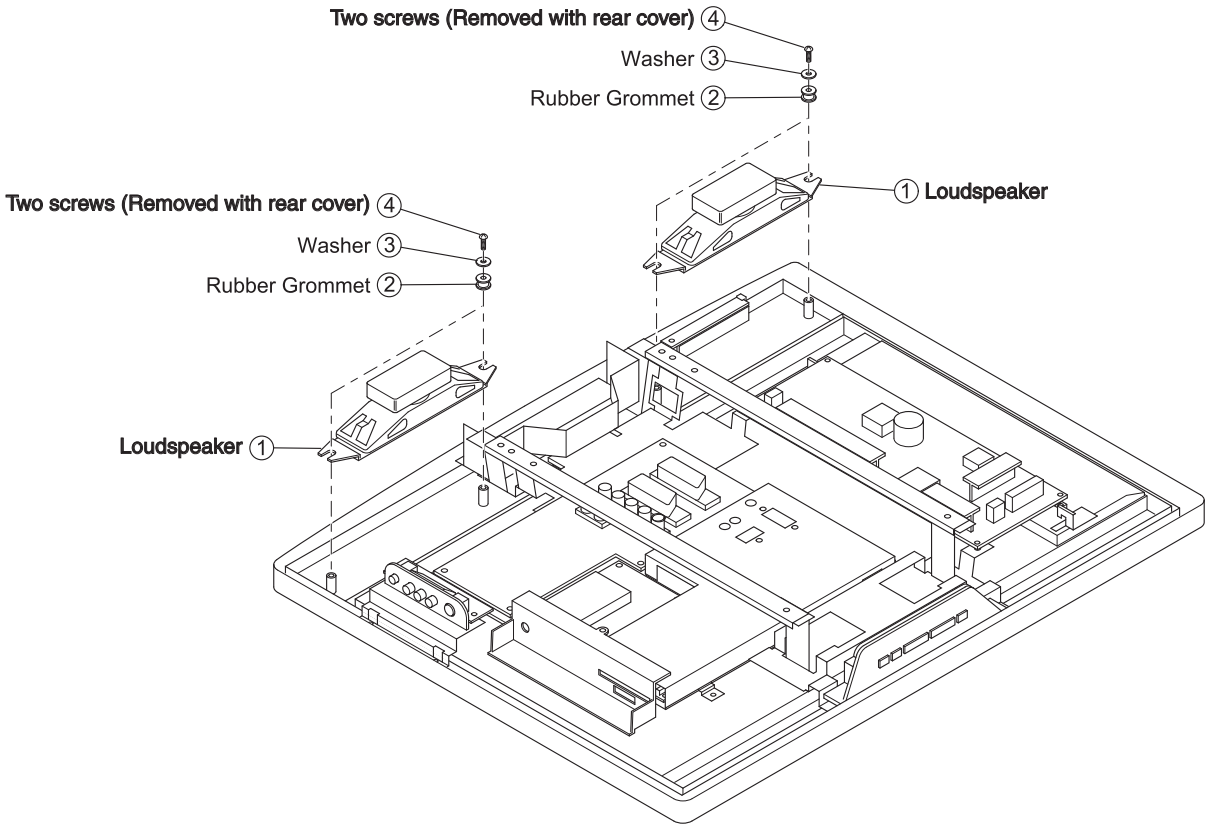
2-2. STAND ASSY REMOVAL



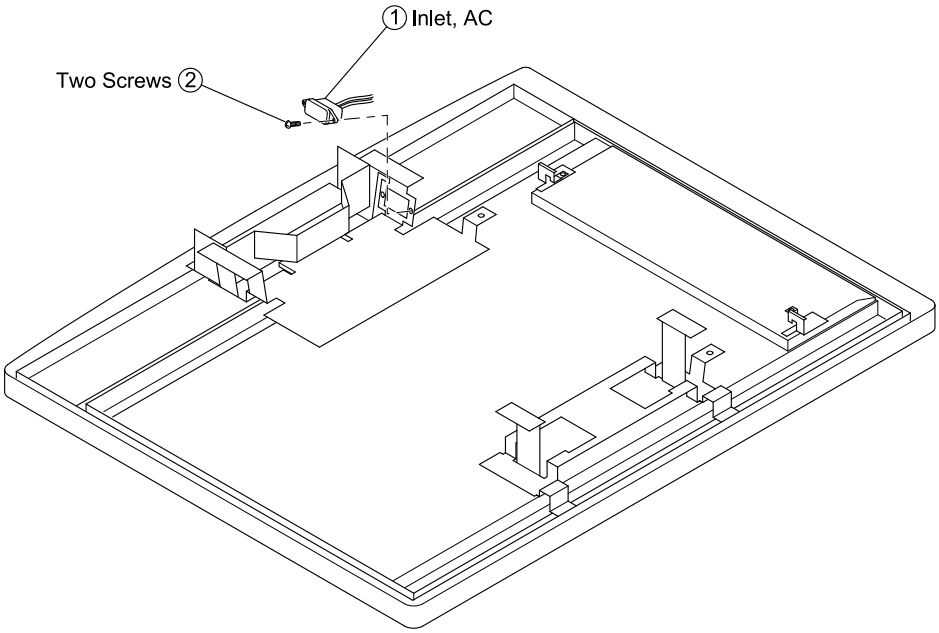
2-3. VESA BRACKET REMOVAL


② Two screws (Bottom)
(Top screw removed with rear cover)
① Arm VESA (46) R Assy (KDL-46W2000)
VESA Bracket (40) R Assy (KDL-40W2000)
Arm VESA (46) L Assy (KDL-46W2000) ③
VESA Bracket (40) L Assy (KDL-40W2000)

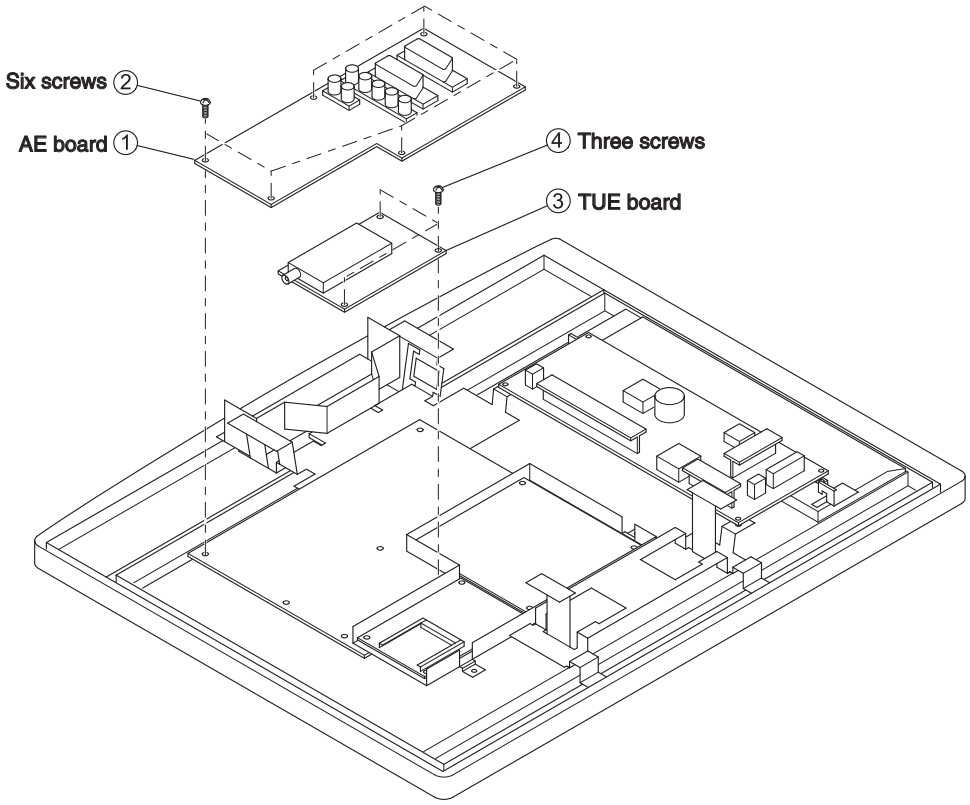
2-4. LOUDSPEAKER REMOVAL



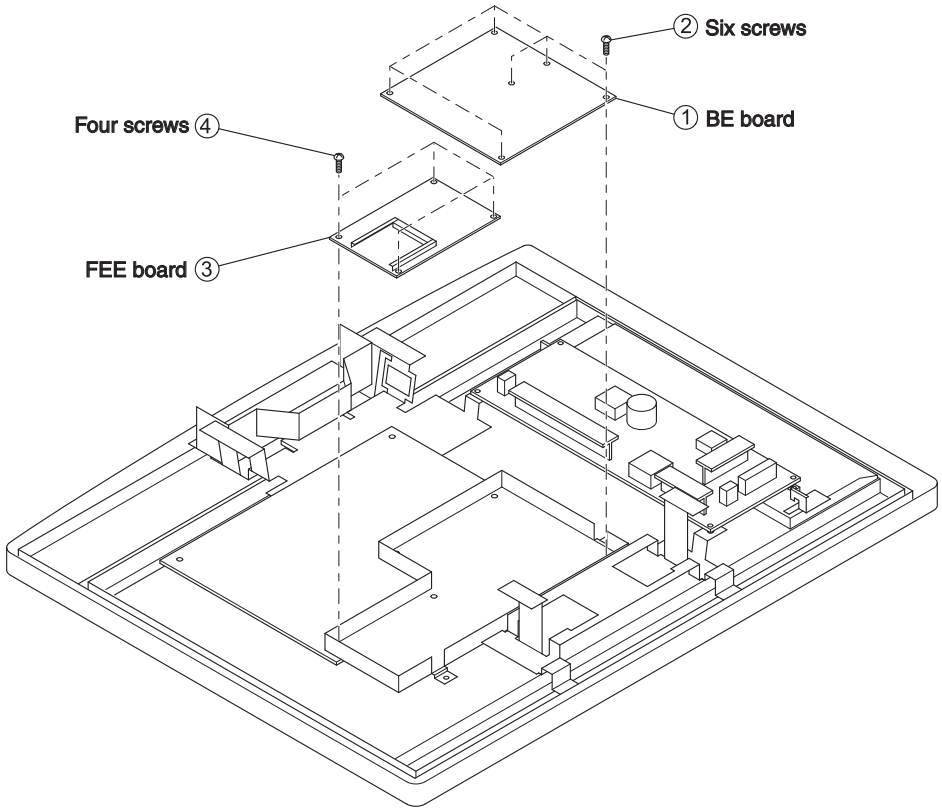
2-5. AC INLET REMOVAL



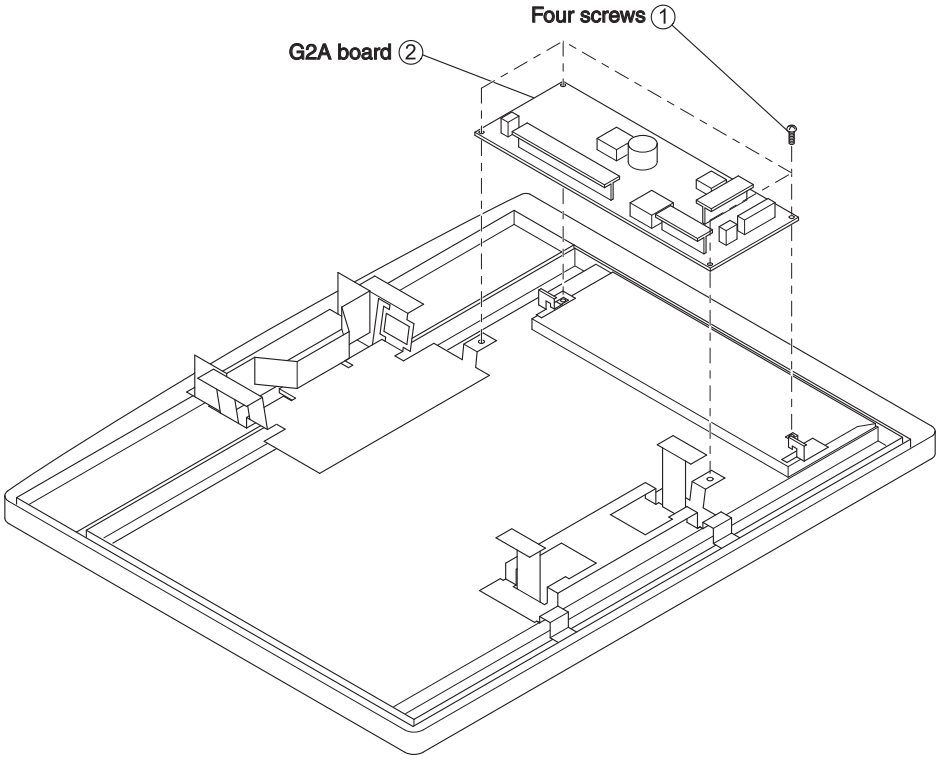
2-6. AE and TUE BOARD REMOVAL



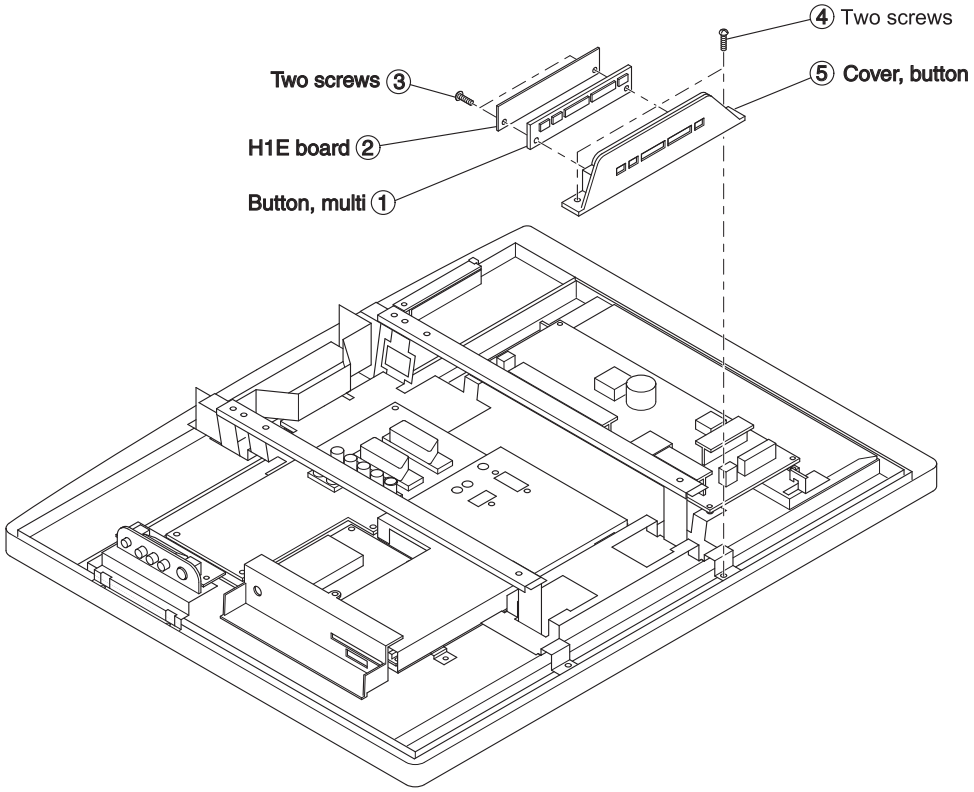
2-7. BE and FEE BOARD REMOVAL



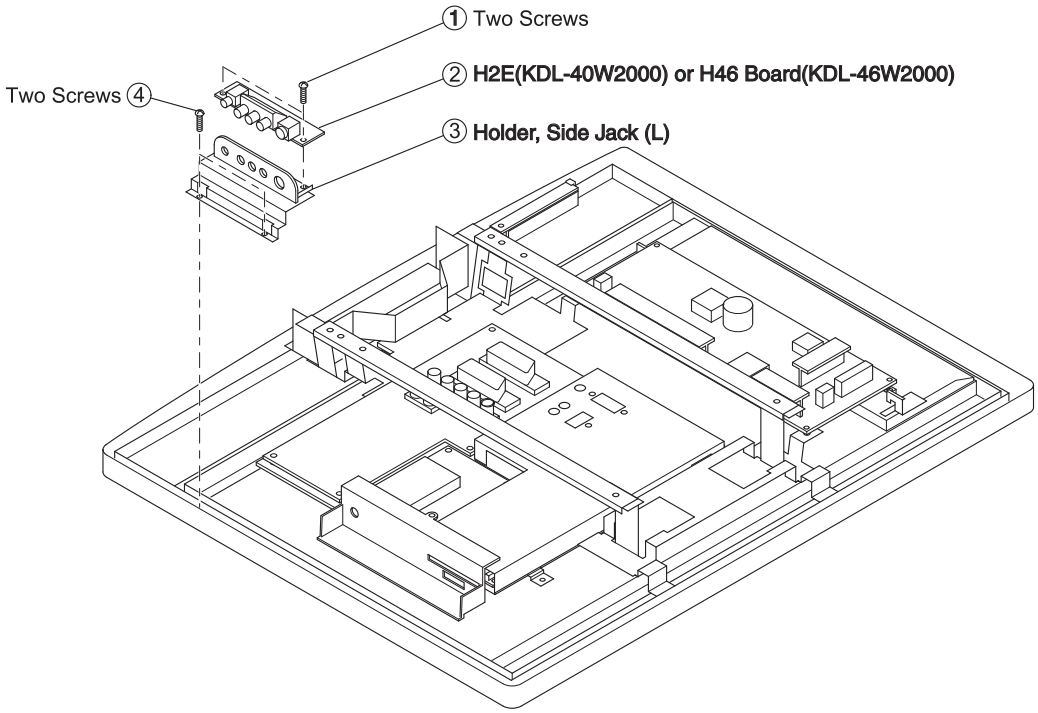
2-8. G2A BOARD REMOVAL



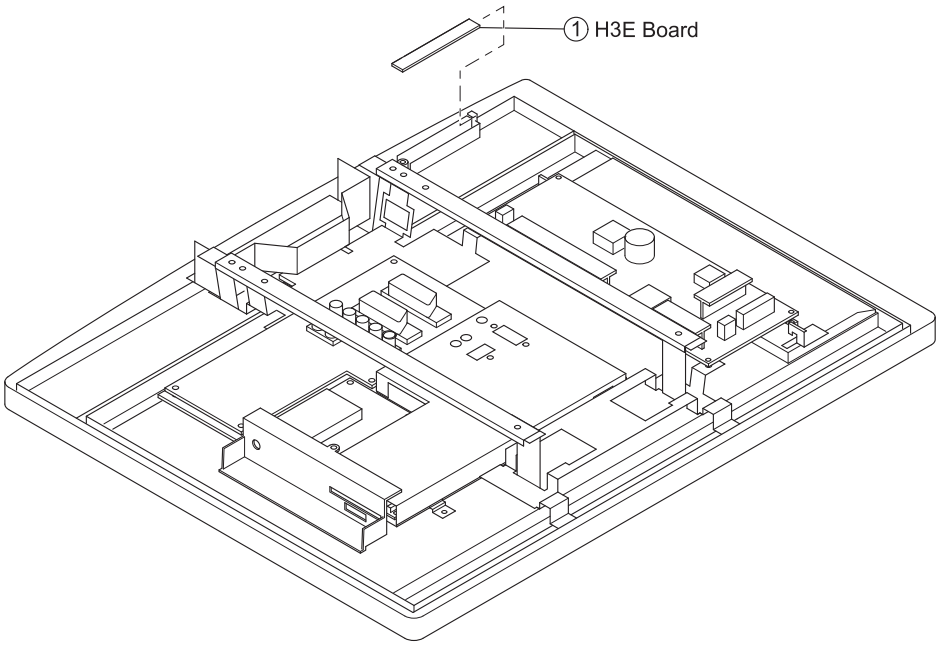
2-9. H1E BOARD REMOVAL



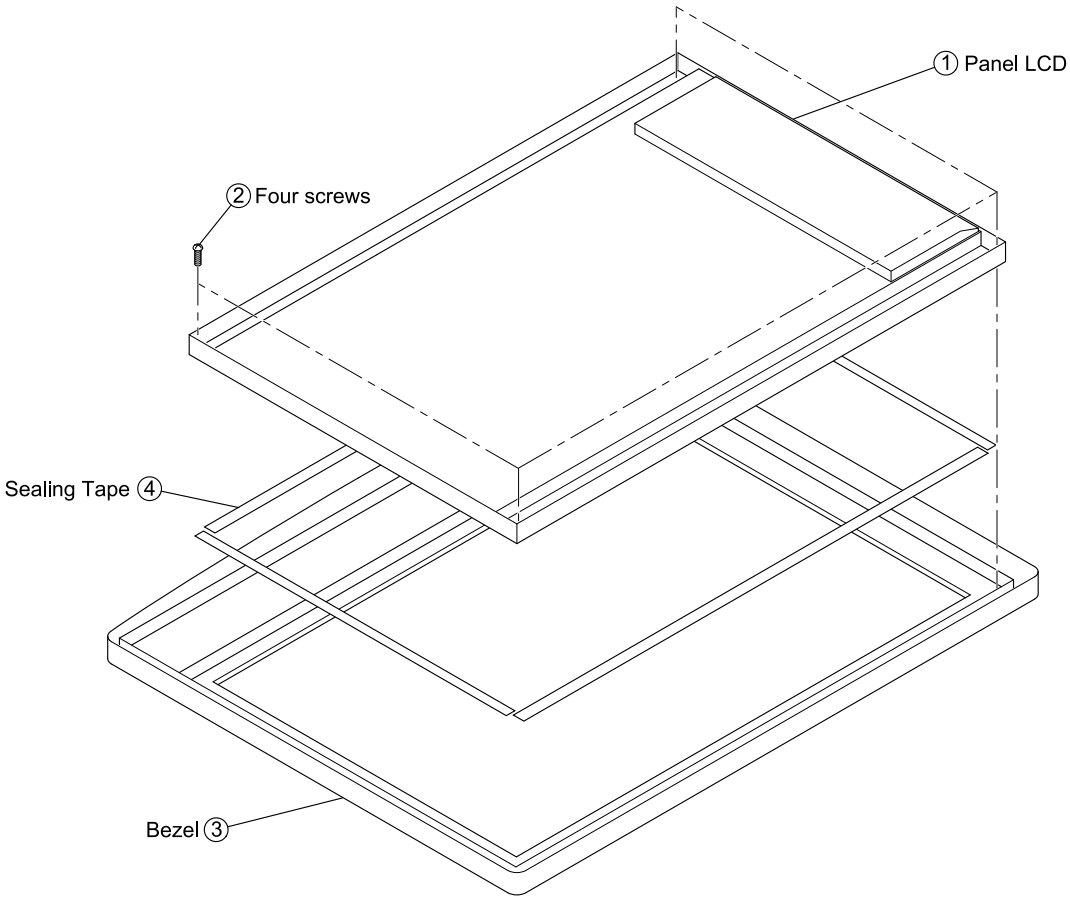
2-10. H2E or H46 BOARD REMOVAL



2-11. H3E BOARD REMOVAL



2-12. LCD PANEL REMOVAL

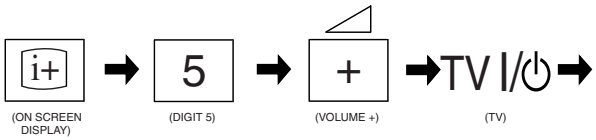


SECTION 3 SET-UP ADJUSTMENTS

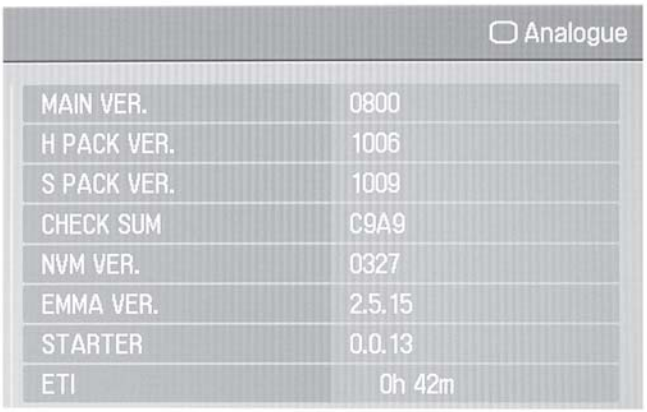
3-1. How to enter Service Mode

Service adjustments to this model can be performed using the supplied remote Commander RM-ED008.

1. Turn on the power to the TV set and enter into the stand-by mode.
2. Press the following sequence of buttons on the Remote Commander.



3. The following menu will then appear on the screen.



4. Move to the relevant command using the up or down arrow buttons on the remote commander.
5. Press the right arrow button to enter into the required menu item.
6. Press the 'Menu' button on the remote commander to quit the Service Mode when all adjustments have been completed.

Note :

- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.

3-2. Signal Level Adjustment

3-2-1. Set up of AD calibration1 adjustment for terrestrial analog.

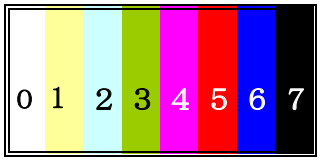
The following adjustments are done via ECS.

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure noise reduction NR=3 (High), GAMMA_EN=0, P4_CVD2_85=0.
3. Set the following registration items.

Screen Size	40"	46"
TARGET_Y_RF(PAL)	165	165
ADJ_COLOR_Y_ATT(PAL)	128	128
ADJ_COLOR_PAL(PAL)	3	3

3-2-2. Y signal calibration1 adjustment for terrestrial analog.

1. Input PAL colour bar 75%Y, 75%C via terrestrial input.



2. Send ECS_ADJUST_TCD3_CONT_RF command.
3. Read the value of S-REG:APL_LUMA via ECS. Confirming that the value is within spec of the table below.

AD-Adjust RF Spec	Spec.
Reference register name	
S-REG: APL_LUMA	TARGET_Y_RF±2

3-2-3. Set up of C signal calibration1 adjustment for terrestrial analog.

1. Input PAL colour bar 75%Y, 75%C via terrestrial input.
2. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
3. Ensure noise reduction NR=3 (High), GAMMA_EN=0, P4_CVD2_85=0.

3-2-4. C signal calibration1 adjustment for terrestrial analog.

1. Send ECS_ADJUST_TCD3_HUE_RF command.
2. Read S-REG: READ_BACK_B00 via ECS. (READ_AREA=0).
3. Read S-REG: READ_BACK_B01 via ECS. (READ_AREA=6).
4. Confirm that 8 bits of MSB of item number 2) and 3) are within spec of the table below.

Reference Item	Spec.
READ_BACK_B0*difference value	±2

5. Switch the TV set OFF and then ON again to retain adjustment values.

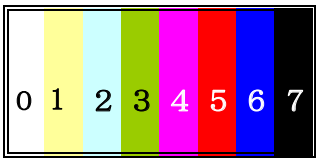
3-2-5. Set up of AD calibration1 adjustment for video.

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure noise reduction NR=1 (Low), GAMMA_EN=0, P4_CVD2_85=0.
3. Set the following registration items.

Screen Size	40"	46"
TARGET_Y_RF(PAL)	165	165
ADJ_COLOR_Y_ATT(PAL)	128	128
ADJ_COLOR_PAL(PAL)	3	3

3-2-6. Y signal calibration1 adjustment for video.

1. Input PAL colour bar 75%Y, 75%C via AV1 input.



2. Send ECS_ADJUST_TCD3_CONT_V command.
3. Read the value of S-REG:APL_LUMA via ECS. Confirming that the value is within spec of the table below.

AD-Adjust Video Spec	Spec.
Reference register name	
S-REG: APL_LUMA	TARGET_Y_V±2

3-2-7. Set up of C signal calibration1 adjustment for video.

1. Input PAL colour bar 75%Y, 75%C via AV1 input.
2. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
3. Ensure noise reduction NR=1 (Low), GAMMA_EN=0, P4_CVD2_85=0.
4. Set the following registration items.

Screen Size	40"	46"
ADJ_COLOR_Y_ATT(PAL)	128	128
ADJ_COLOR_PAL(PAL)	3	3

3-2-8. C signal calibration1 adjustment for video.

1. Send ECS_ADJUST_TCD3_HUE_V command.
2. Read S-REG: READ_BACK_B00 via ECS. (READ_AREA=0).
3. Read S-REG: READ_BACK_B01 via ECS. (READ_AREA=6).
4. Confirm that 8 bits of MSB of item number 2) and 3) are within spec of the table below.

Reference Item	Spec.
READ_BACK_B0*difference value	±2

5. Read S-REG: TCD3_SATURATION via ECS.
6. Switch the TV set OFF and then ON again to retain adjustment values.

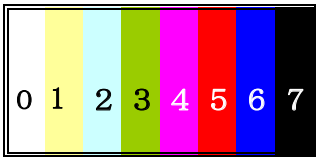
3-2-9. Set up of AD calibration2 adjustment for video.

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure noise reduction NR=1 (Low), GAMMA_EN=0, P4_CVD2_85=0.
3. Set the following registration items.

Screen Size	40"	46"
TARGET_Y_V(SECAM)	165	165
ADJ_COLOR_Y_ATT(SECAM)	128	128
ADJ_COLOR_PAL(SECAM)	2	2

3-2-10. Y signal calibration2 adjustment for video.

1. Input SECAM colour bar 75%Y, 75%C via AV1 input.



2. Send ECS_ADJUST_TCD3_CONT_V command.
3. Read the value of S-REG:APL_LUMA via ECS. Confirming that the value is within spec of the table below.

AD-Adjust Video Spec	Spec.
Reference register name	
S-REG: APL_LUMA	TARGET_Y_V±2

3-2-11. Set up of C signal calibration2 adjustment for video.

1. Input SECAM colour bar 75%Y, 75%C via AV1 input.
2. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
3. Ensure noise reduction NR=1 (Low), GAMMA_EN=0, P4_CVD2_85=0.
4. Set the following registration items.

Screen Size	40"	46"
ADJ_COLOR_Y_ATT(SECAM)	128	128
ADJ_COLOR_PAL(SECAM)	2	2

3-2-12. C signal calibration2 adjustment for video.

1. Send ECS_ADJUST_TCD3_HUE_V command.
2. Read S-REG: READ_BACK_B00 via ECS. (READ_AREA=0).
3. Read S-REG: READ_BACK_B01 via ECS. (READ_AREA=6).
4. Confirm that 8 bits of MSB of item number 2) and 3) are within spec of the table below.

Reference Item	Spec.
READ_BACK_B0*difference value	±2

5. Read S-REG: TCD3_SATURATION via ECS.
6. Switch the TV set OFF and then ON again to retain adjustment values.

3-3. Gamma Adjustment

The following adjustments are done via ECS.

Note: Before Gamma adjustment can begin the set needs 1 hour aging.

3-3-1. Set up mode for Gamma Adjustment

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure COL_MATRIX_INDEX=4.
3. Ensure G_GAMMA_IDX_OFST=15.
4. Ensure DYNAMIC_EN=0.
5. Ensure U_BRT_OFFSET=128.

3-3-2. Set up Trident internal SG and brightness measurement

1. Ensure TEST_PATTEN_ON=1.
2. Ensure TEST_G_LEVEL=204.
3. Measure brightness A.
4. Ensure TEST_G_LEVEL=102.
5. Measure brightness B.
6. Set up G_GAMMA_OFST_01=brightness B/brightness A*10000. The result is written to G_GAMMA_OFST_01.
7. Send Gamma_Tbl_Search_1 command.
8. Ensure TEST_G_LEVEL=153.
9. Measure brightness C.
10. Set up G_GAMMA_OFST_02=brightness C/brightness A*10000. The result is written to G_GAMMA_OFST_02.
11. Send Gamma_Tbl_Search_2 command.
12. Save set up value in NVM in register G_GAM_IDX_OFST.

3-4. White Balance Adjustment

The following adjustments are done via ECS.

3-4-1. Set up mode for White Balance Adjustment

1. Send ECS_ADJUST_LEVEL_SETTING_INIT command.
2. Ensure COL_MATRIX_INDEX=3.
3. Ensure DYNAMIC_EN=0.
4. Ensure U_BRT_OFFSET=128.

3-4-2. White Balance of Colour Temperature “Cool”

1. Set up COLOR_TEMP=0.
2. Set up R_GAMMA_OFST_01=128.
3. R_GAMMA_OFST_02=128
   R_GAMMA_OFST_03=128
   R_GAMMA_OFST_04=128
   R_GAMMA_OFST_05=128
   R_GAMMA_OFST_06=128
   R_GAMMA_OFST_07=128
   B_GAMMA_OFST_01=128
   B_GAMMA_OFST_02=128
   B_GAMMA_OFST_03=128
   B_GAMMA_OFST_04=128
   B_GAMMA_OFST_05=128
   B_GAMMA_OFST_06=128
   B_GAMMA_OFST_07=128
4. Set up “Wait”.
5. Set up TEST_G_LEVEL=204.
6. Adjust R_GAMMA_OFST_05 and B_GAMMA_OFST_05 chroma values so that they are within tolerance in the table below.

	X	Y	Tolerance
40"	0.1917	0.4273	0.5JND
46"	0.1926	0.4281	0.5JND

7. Set up TEST_G_LEVEL=153.
8. Adjust R_GAMMA_OFST_04 and B_GAMMA_OFST_04 chroma values so that they are within tolerance in the table below.

	X	Y	Tolerance
40"	0.1924	0.4272	0.7JND
46"	0.1934	0.4283	0.7JND

9. Set up TEST_G_LEVEL=102.
10. Adjust R_GAMMA_OFST_03 and B_GAMMA_OFST_03 chroma values so that they are within tolerance in the table below.

	X	Y	Tolerance
40"	0.1918	0.4265	1JND
46"	0.1922	0.4285	1JND

11. Set up TEST_G_LEVEL=76.
12. Adjust R_GAMMA_OFST_02 and B_GAMMA_OFST_02 chroma values so that they are within tolerance in the table below.

	X	Y	Tolerance
40"	0.1947	0.4265	1JND
46"	0.1924	0.4287	1JND

13. Set up TEST_G_LEVEL=51.
14. Adjust R_GAMMA_OFST_01 and B_GAMMA_OFST_01 chroma values so that they are within tolerance in the table below.

	X	Y	Tolerance
40"	0.1893	0.4278	1JND
46"	0.1898	0.4312	1JND

15. The values of R_GAMMA_OFST_06 and 07 and B_GAMMA_OFST_06, and 07 are determined by the following conditions.

    a). Adjustment value of B_GAMMA_OFST_05>180 and Adjustment value of R_GAMMA_OFST_05>128.

- B(R)_GAMMA_OFST_06 = B(R)_GAMMA_OFST_05 - {B(R)_GAMMA_OFST_05 - B(R)_GAMMA_OFST_04} / 2.
- B(R)_GAMMA_OFST_07 = 128.

    b). Adjustment value of R_GAMMA_OFST_05=<128.

- R_GAMMA_OFST_06 = R_GAMMA_OFST_07 =R_GAMMA_OFST_04.

    c). Adjustment value of B_GAMMA_OFST_05=<180.

- B(R)_GAMMA_OFST_06 = B(R)_GAMMA_OFST_07 =B(R)_GAMMA_OFST_05.

16. Send WB_SAVE command.

3-4-3. White Balance of Colour Temperature "Neutral"

1. Set up initial White Balance condition.
2. Set up COLOR_TEMP=1.
3. Set up TEST_G_LEVEL=204 and adjust R_DRIVE and B_DRIVE values to within the spec of the table below.

	X	Y	Spec.
40"	0.1948	0.4403	0.0014
46"	0.1949	0.4419	0.0014

4. Set up TEST_G_LEVEL=51 and adjust R_BKG and B_BKG values to within the spec of the table below.

	X	Y	Spec.
40"	0.1928	0.4406	0.0028
46"	0.1941	0.4429	0.0028

5. Continue tracking the values of items 3) and 4) until they are all within spec.
6. Send COLOR_SAVE command.

3-4-4. White Balance of Colour Temperature "Warm 1"

1. Set up initial White Balance condition.
2. Set up COLOR_TEMP=2.
3. Set up TEST_G_LEVEL=204 and adjust R_DRIVE and B_DRIVE values to within the spec of the table below.

	X	Y	Spec.
40"	0.1975	0.4484	0.0014
46"	0.1978	0.4501	0.0014

4. Set up TEST_G_LEVEL=51 and adjust R_BKG and B_BKG values to within the spec of the table below.

	X	Y	Spec.
40"	0.1964	0.4482	0.0028
46"	0.1978	0.4524	0.0028

5. Continue tracking the values of items 3) and 4) until they are all within spec.
6. Send COLOR_SAVE command.

3-4-5. White Balance of Colour Temperature "Warm 2"

1. Set up initial White Balance condition.
2. Set up COLOR_TEMP=3.
3. Set up TEST_G_LEVEL=204 and adjust R_DRIVE and B_DRIVE values to within the spec of the table below.

	X	Y	Spec.
40"	0.1988	0.4596	0.0014
46"	0.2002	0.4617	0.0014

4. Set up TEST_G_LEVEL=51 and adjust R_BKG and B_BKG values to within the spec of the table below.

	X	Y	Spec.
40"	0.1974	0.4555	0.0028
46"	0.1984	0.4599	0.0028

5. Continue tracking the values of items 3) and 4) until they are all within spec.
6. Send COLOR_SAVE command.

3-5. Panel Replacement

When replacing the panel please reset the gamma and white balance before performing W/B (See page 27, 3-4) for new panel.

3-6. Board Replacement

3-6-1. AE Board Replacement

When replacing the 'AE' board please readjust the AD (See page 25, 3-2) and readjust the W/B (See page 27, 3-4).

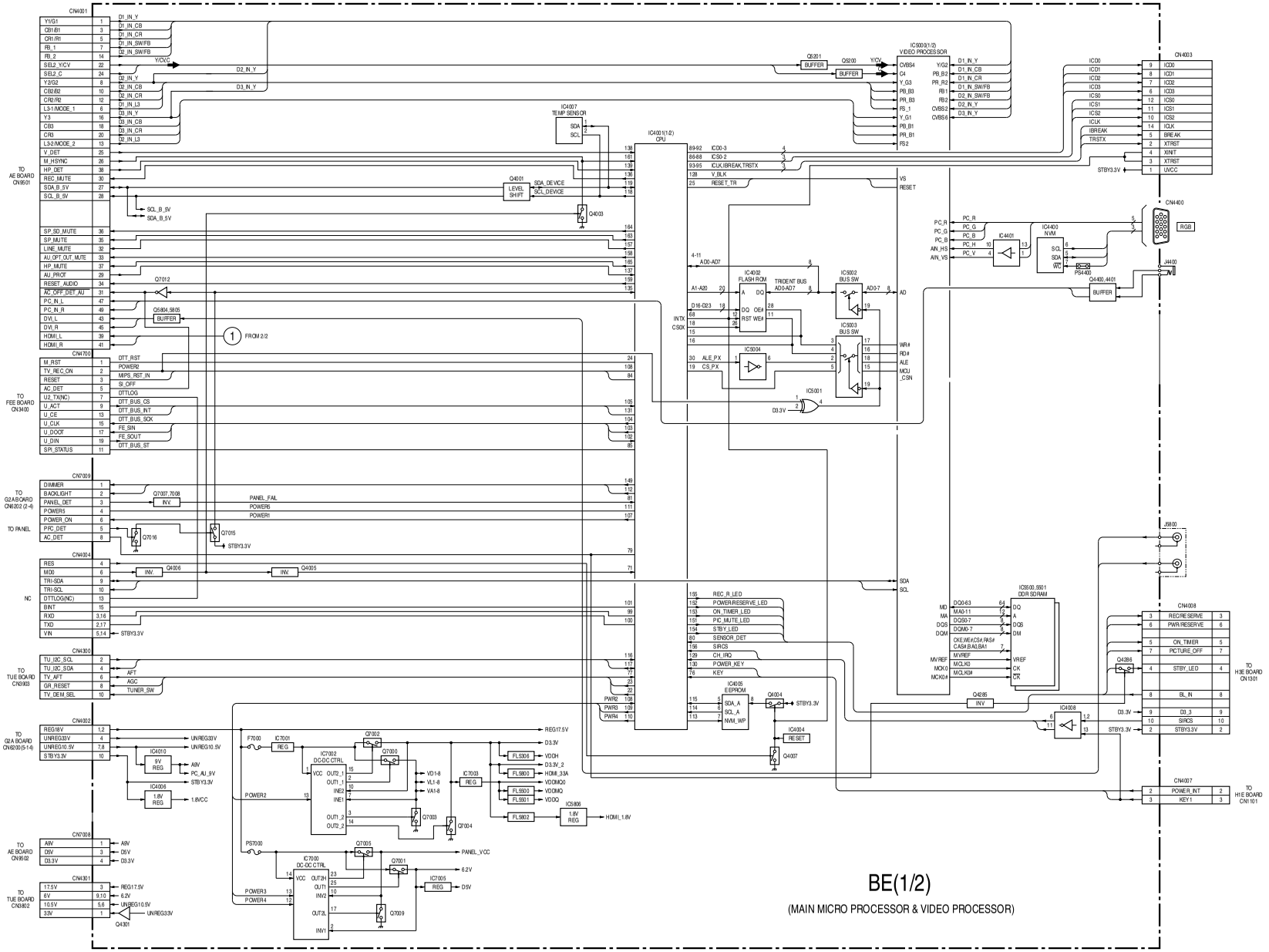
3-6-2. BE Board Replacement

When replacing the 'BE' board please readjust the AD (See page 25, 3-2) and readjust the W/B (See page 27, 3-4).

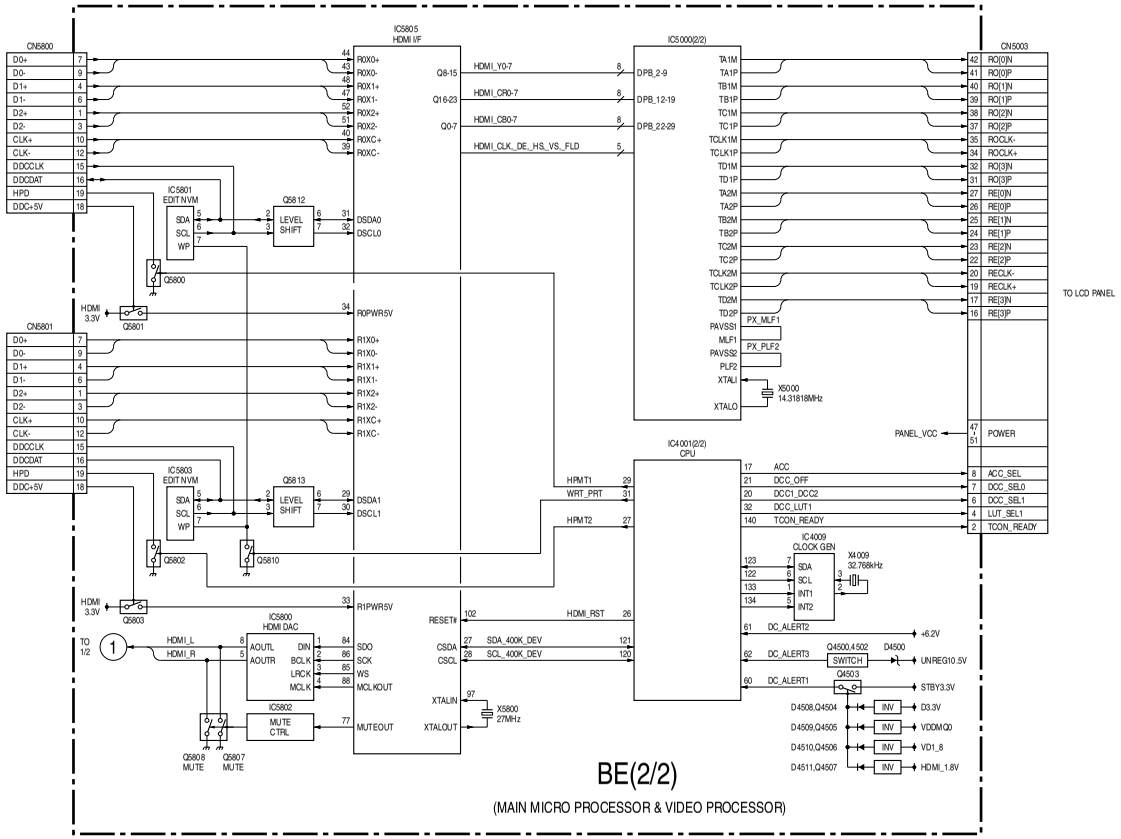
Note :

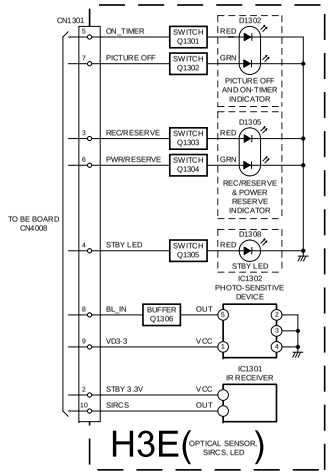
In the event of a 'BE' board being re-used in service please ensure that the Serial number is cleared in the NVM.

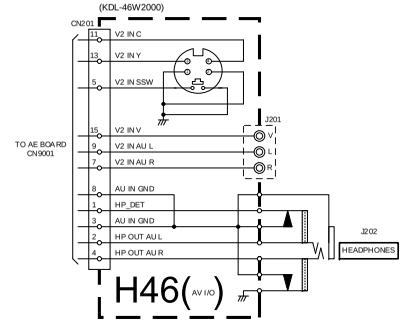
4-1. BLOCK DIAGRAMS (1)

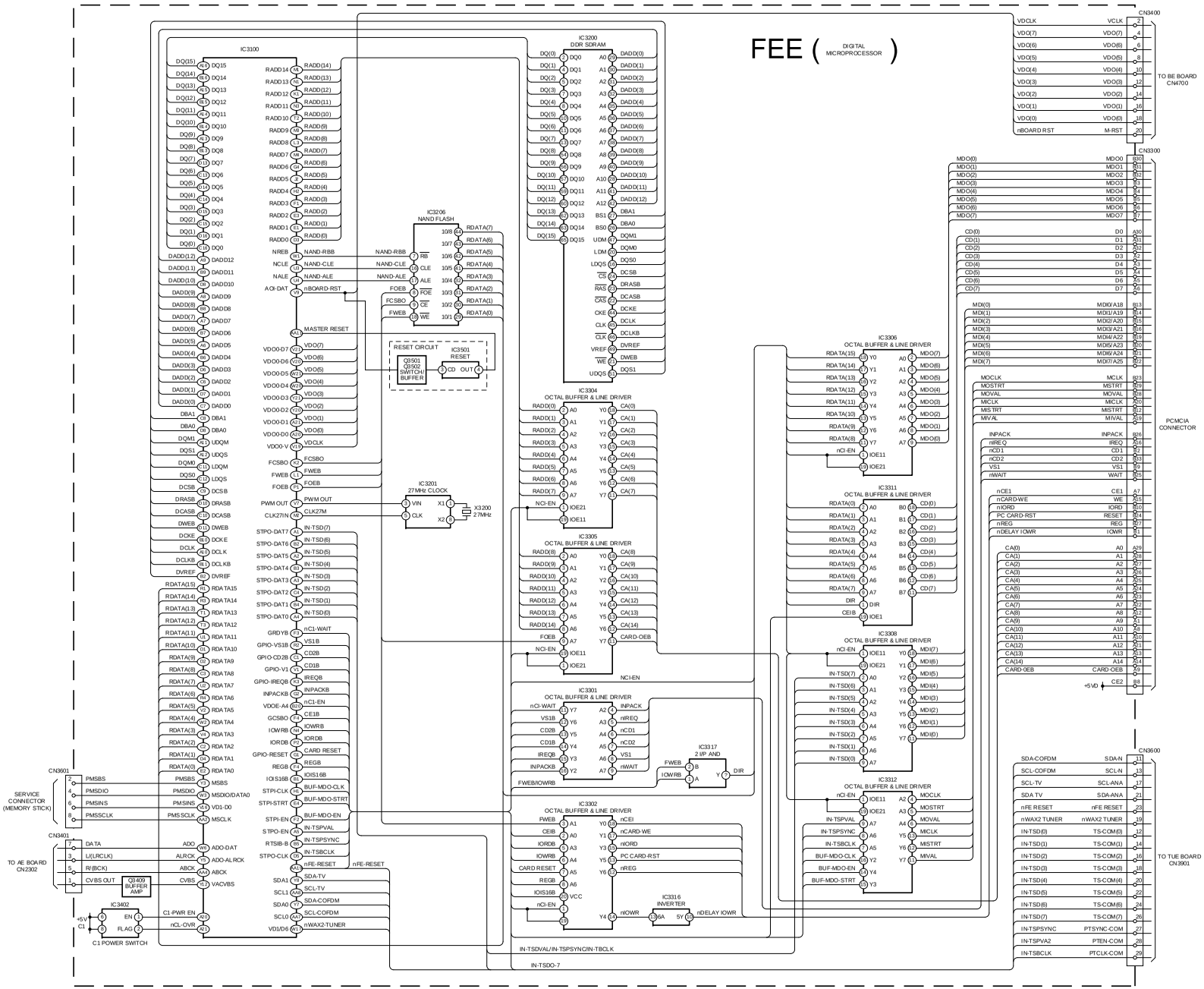


4-1. BLOCK DIAGRAMS (2)

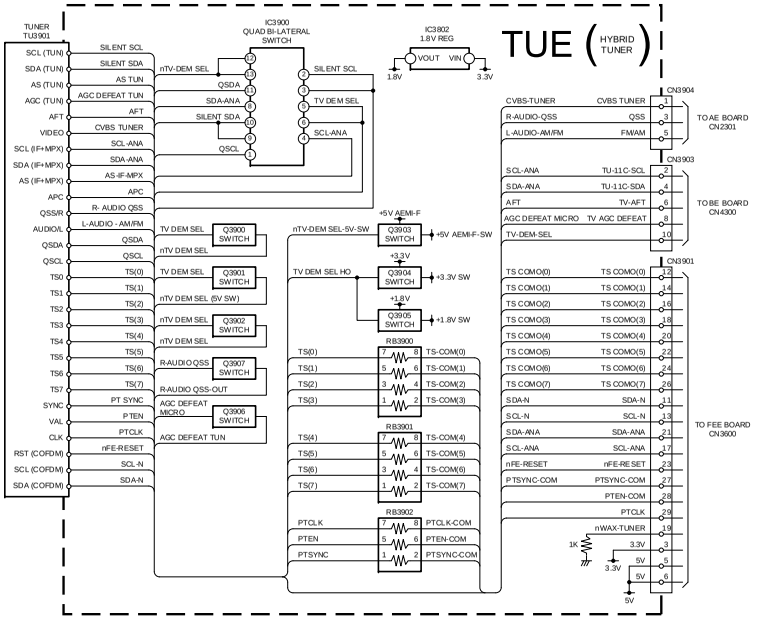


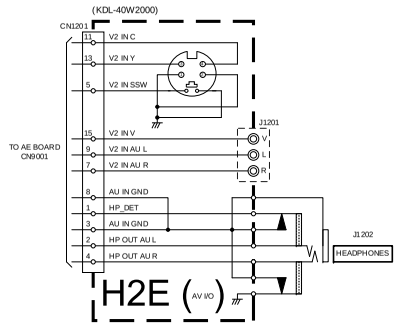


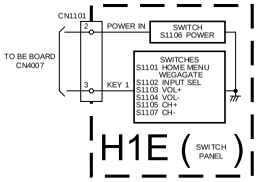


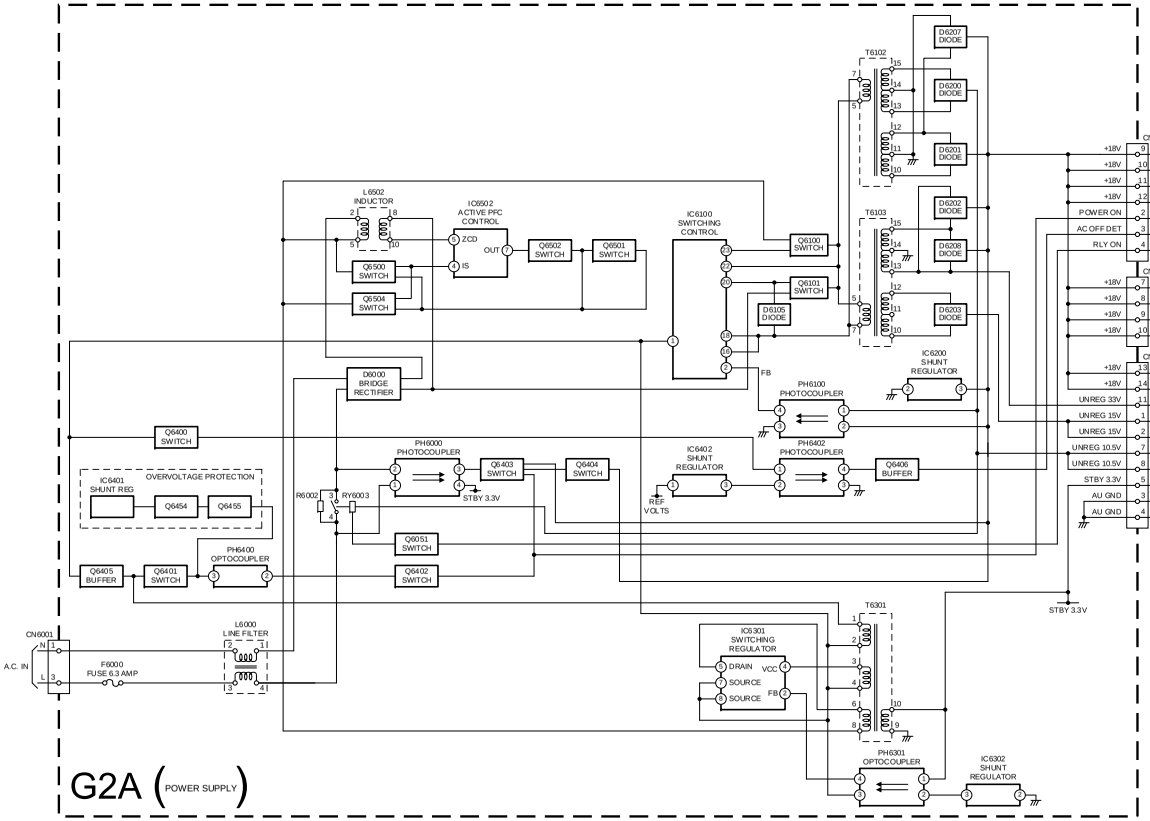

FEE (DIGITAL MICROPROCESSOR)
IC3100
IC3200 DDR SDRAM
IC3206 NAND FLASH
IC3201 27MHz CLOCK
IC3304 OCTAL BUFFER & LINE DRIVER
IC3305 OCTAL BUFFER & LINE DRIVER
IC3301 OCTAL BUFFER & LINE DRIVER
IC3302 OCTAL BUFFER & LINE DRIVER
IC3306 OCTAL BUFFER & LINE DRIVER
IC3311 OCTAL BUFFER & LINE DRIVER
IC3308 OCTAL BUFFER & LINE DRIVER
IC3312 OCTAL BUFFER & LINE DRIVER
IC3317 2 I/P AND
IC3316 INVERTER
IC3501 RESET
RESET CIRCUIT
Q3501 Q3502 SWITCH/ BUFFER
IC3402 C1 POWER SWITCH
Q3409 BUFFER AMP
CN3400
TO BE BOARD CN4700
CN3300
PCMCIA CONNECTOR
CN3600
TO TUE BOARD CN3901
CN3601
SERVICE CONNECTOR (MEMORY STICK)
CN3401
TO AE BOARD CN2302
X3200 27MHz
NCI-EN
IN-TSDVAL/IN-TSPSYNC/IN-TBCLK
IN-TSDO-7

4-1. BLOCK DIAGRAMS (4)

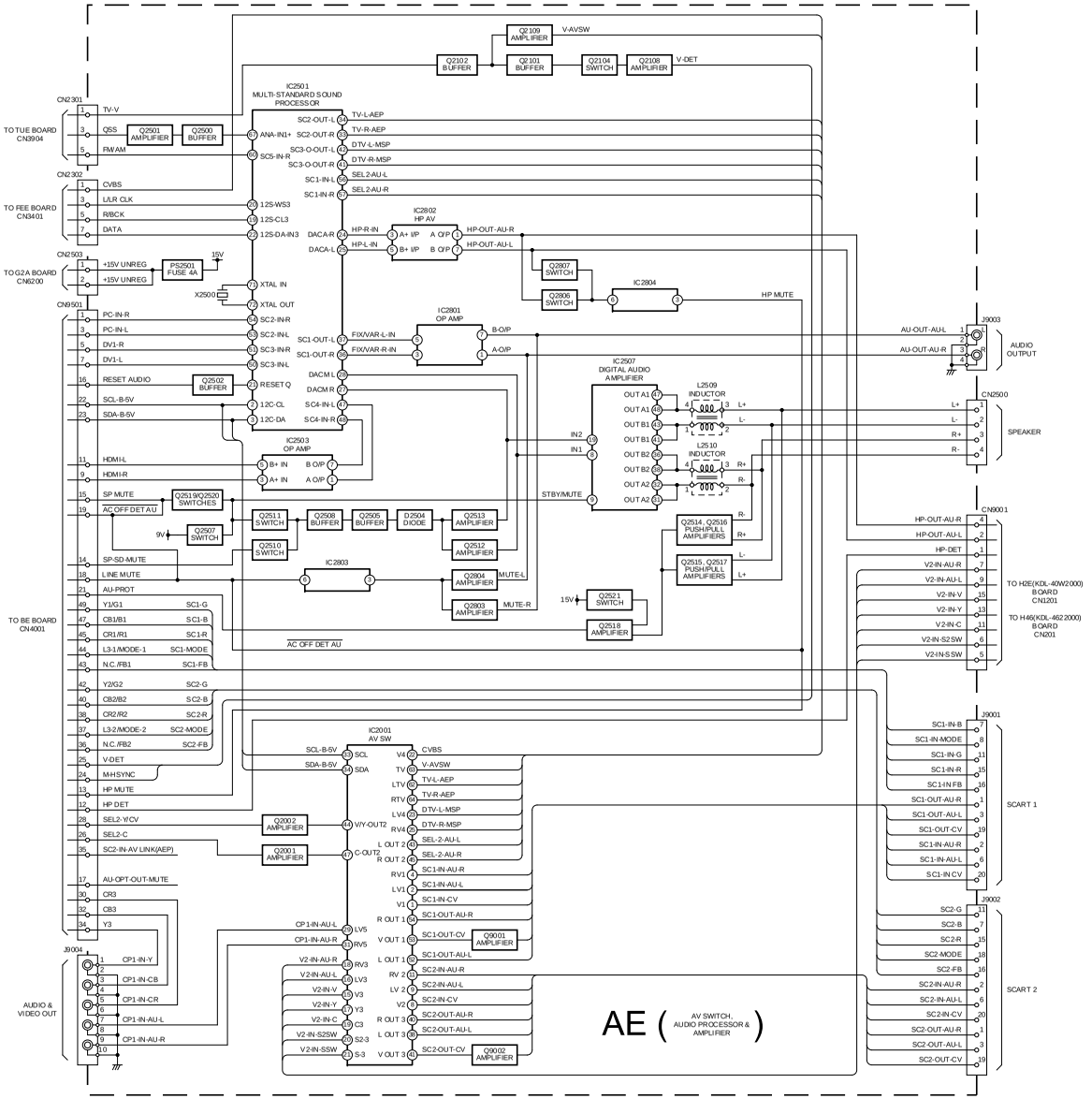




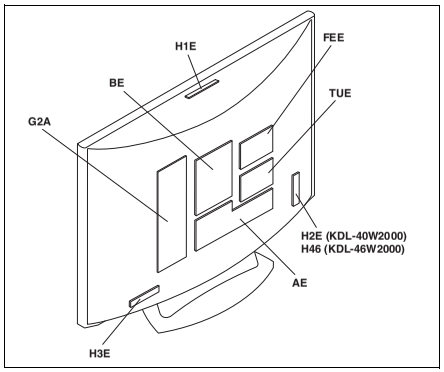




4-1. BLOCK DIAGRAMS (5)



4-2. CIRCUIT BOARD LOCATION



4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :

- All capacitors are in µF unless otherwise noted.
- pF : µµF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm Electrical power rating : 1/4W

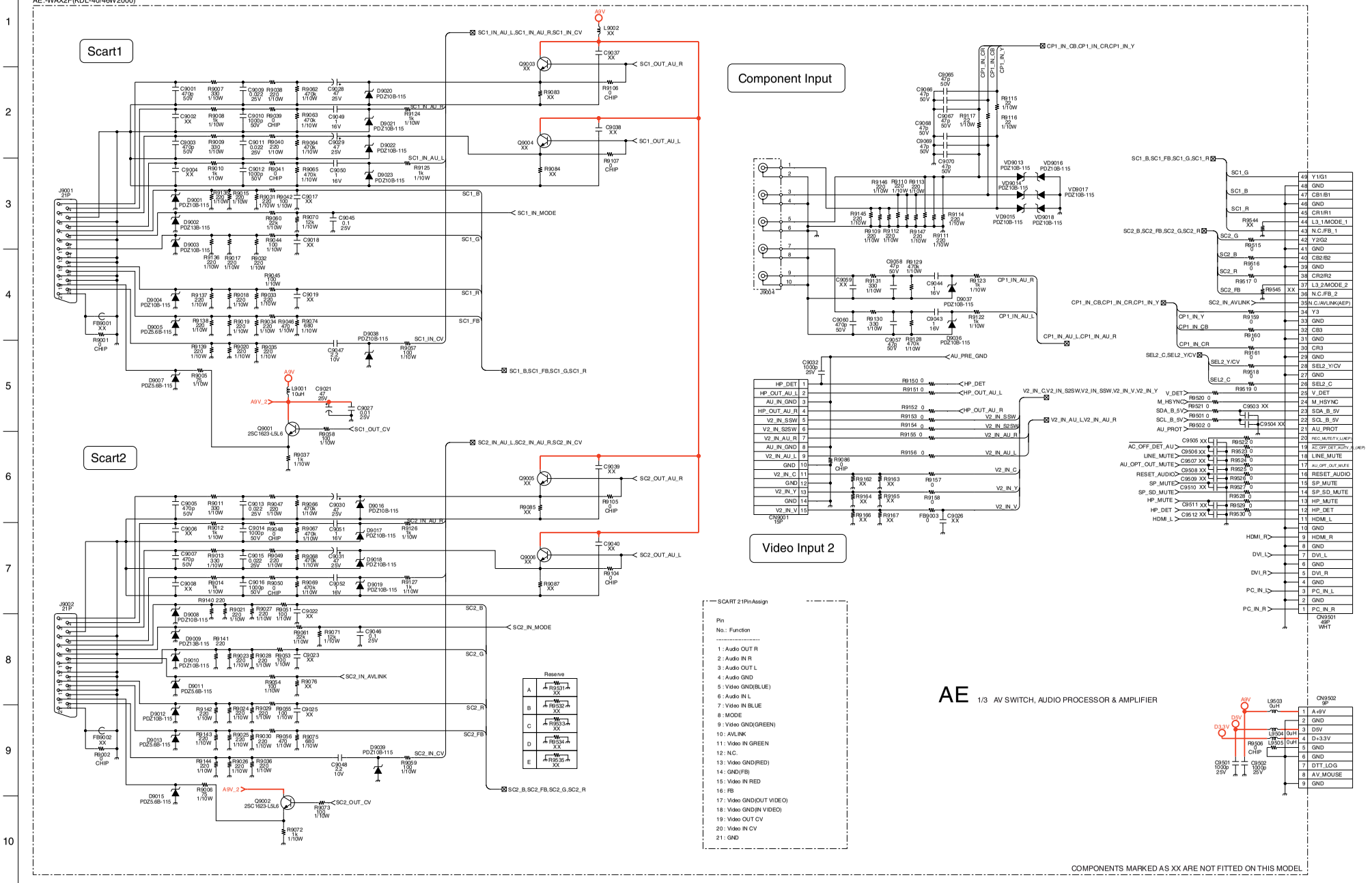
- Chip resistors are 1/10W
- All resistors are in ohms.
  k = 1000 ohms, M = 1000,000 ohms
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

Reference Information

RESISTOR	**RN**	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	**LF-8L**	: MICRO INDUCTOR
CAPACITOR	**TA**	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

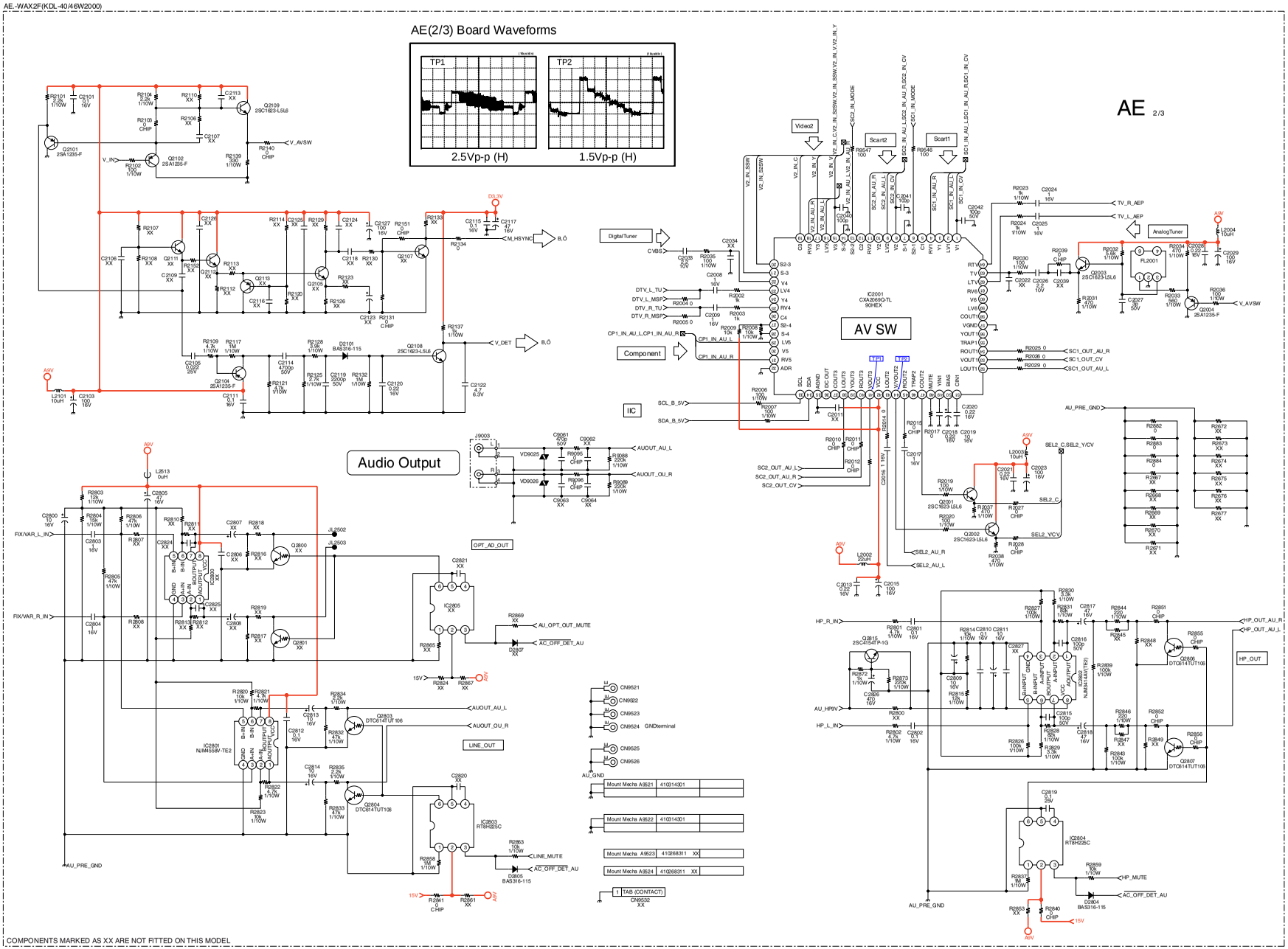
Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

Note : Les composants identifiés par une trame et par une marque ⚠ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié. specified.

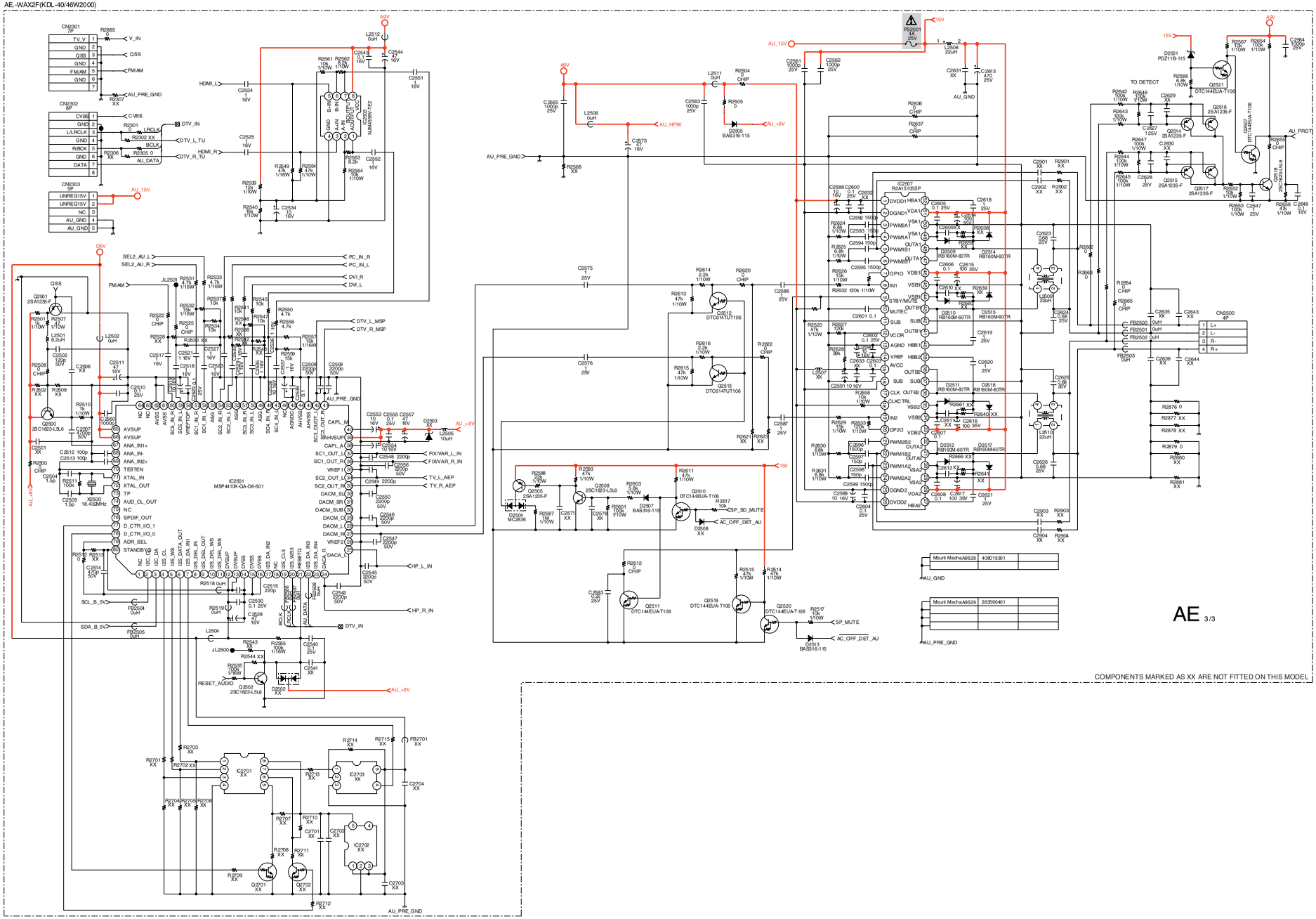


~ AE Board Schematic Diagram [AV Switch, Audio Processor & Amplifier] Page 1/3 ~

AE-WAX2F(KDL-40/46W2000)

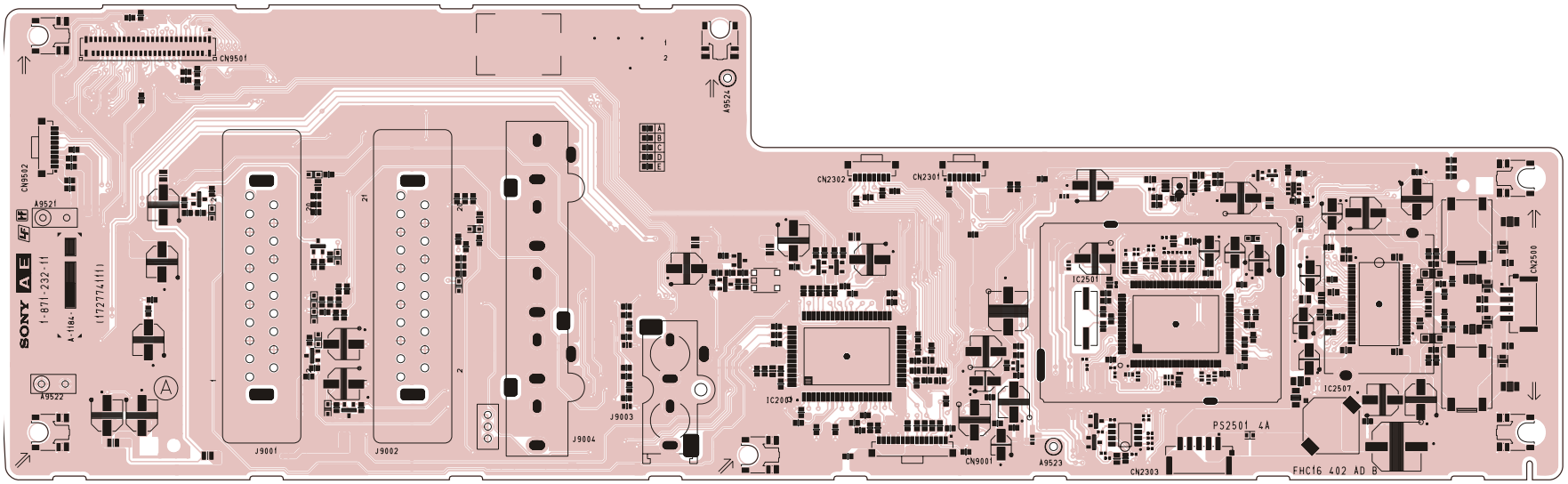


~ AE Board Schematic Diagram [AV Switch, Audio Processor & Amplifier] Page 2/3 ~



~ AE Board Schematic Diagram [AV Switch, Audio Processor & Amplifier] Page 3/3 ~

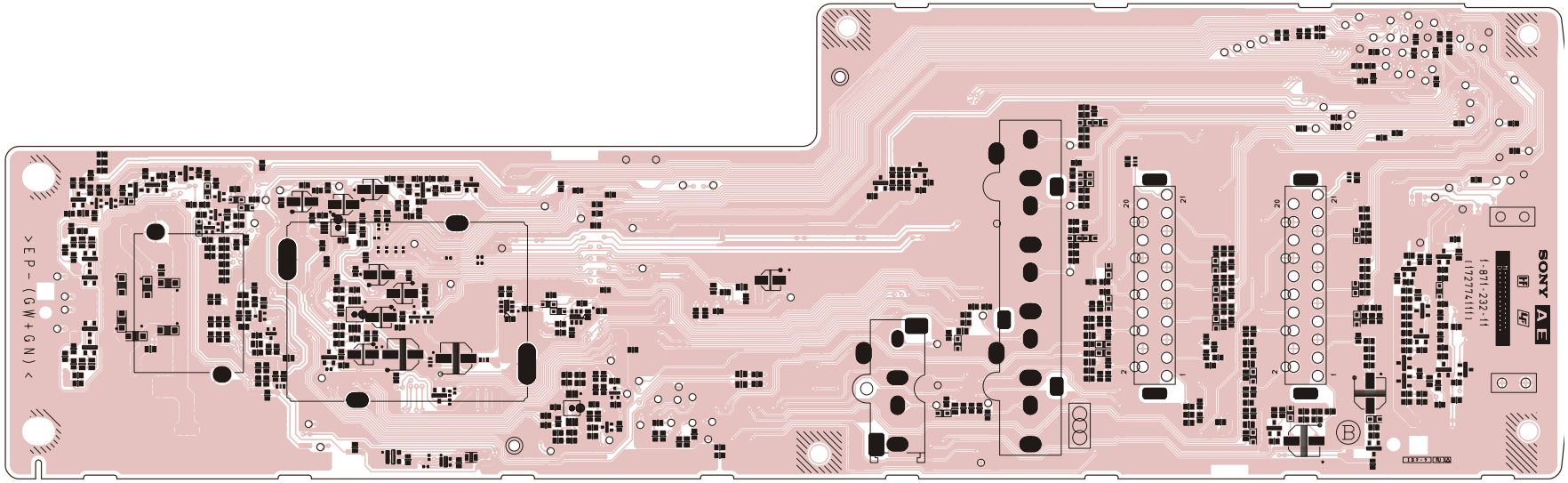
~ AE Printed Wiring Board Conductor Side A ~



~ AE Board IC Voltage Table Side A ~

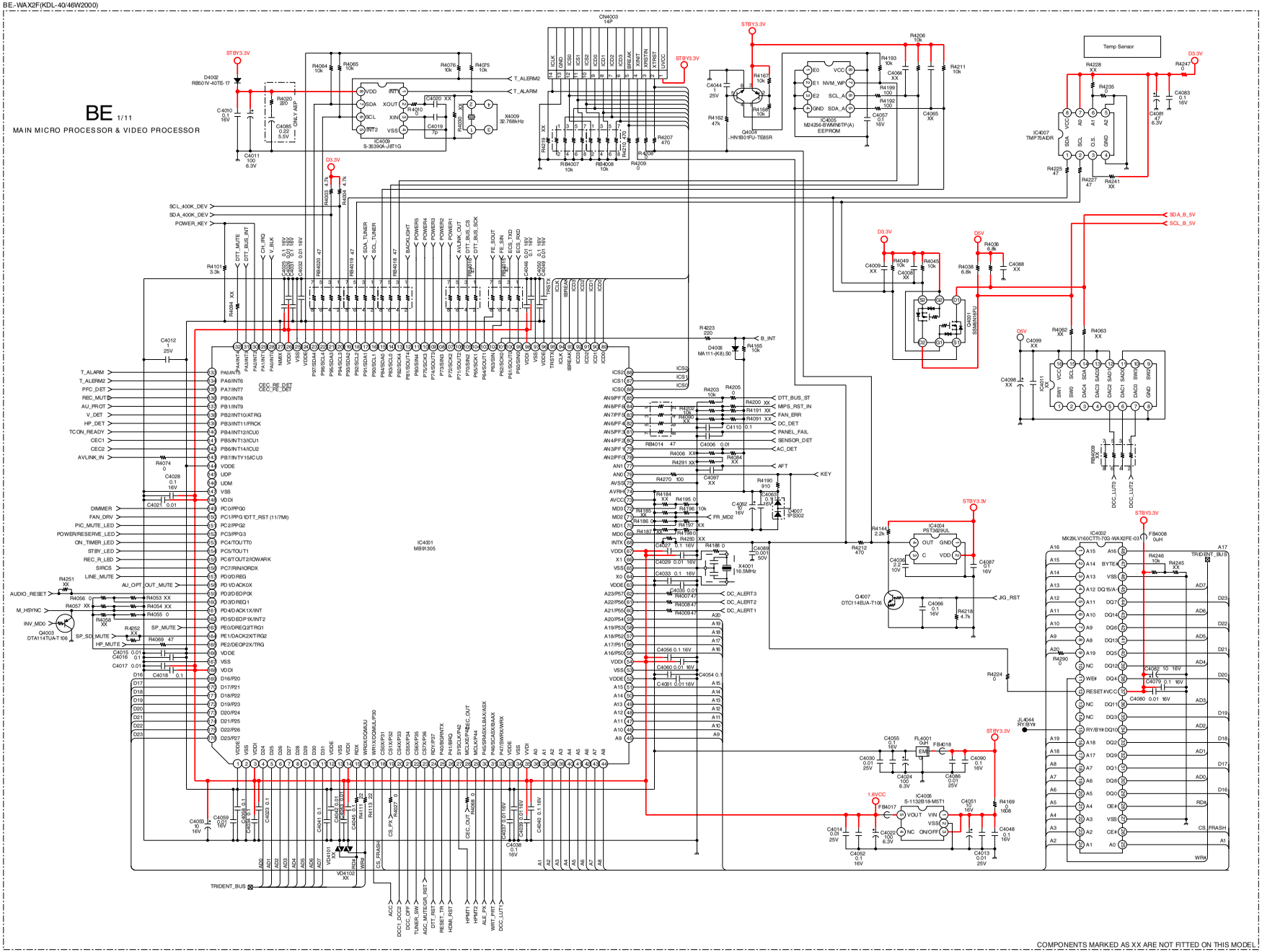
Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC2001	1	3.9	IC2001	11	4.3	IC2001	22	4.2	IC2001	33	4.5	IC2001	44	4.1	IC2001	55	3.6
	2	4.4		12	4.4		23	4.4		34	4.4		45	4.5		56	3.1
	3	3.9		13	0		24	3.9		35-36	0		46	3.6		57	0
	4	4.3		14	4.9		25-26	4.4		37	4.4		47	4.4		58	4.3
	5	4.4		15	3.9		27	0		38	4.5		48	0		59	4.4
	6	0		16	4.4		28	4.9		39	3.6		49	3.9		60	3.9
	7	4.9		17	3.9		29	4.4		40	4.5		50	4.7		61	4.4
	8	3.9		18-19	4.4		30	3.9		41	4.2		51-52	4.4		62	4.4
	9	4.4		20	0		31	4.4		42	9.0		53	4.2		63	3.9
	10	3.9		21	4.9		32	0		43	4.5		54	4.5		64	4.4

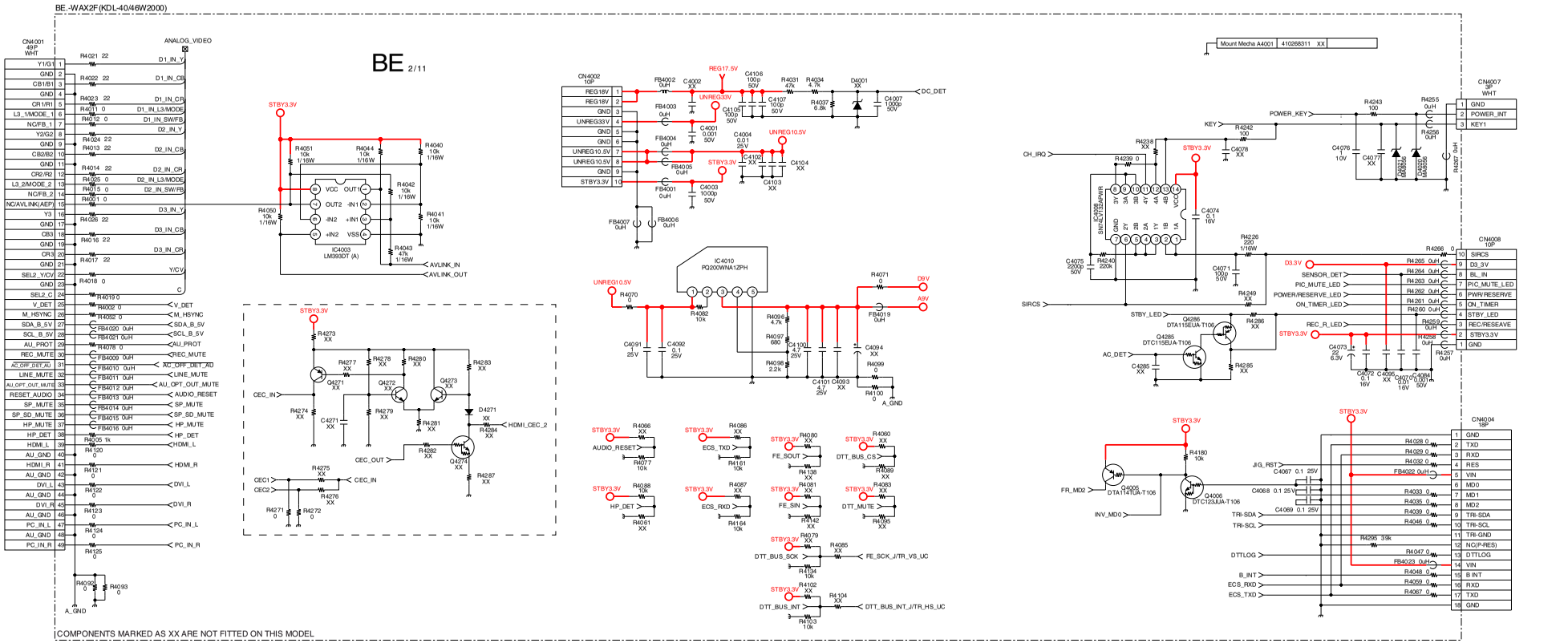
~ AE Printed Wiring Board Conductor Side B ~



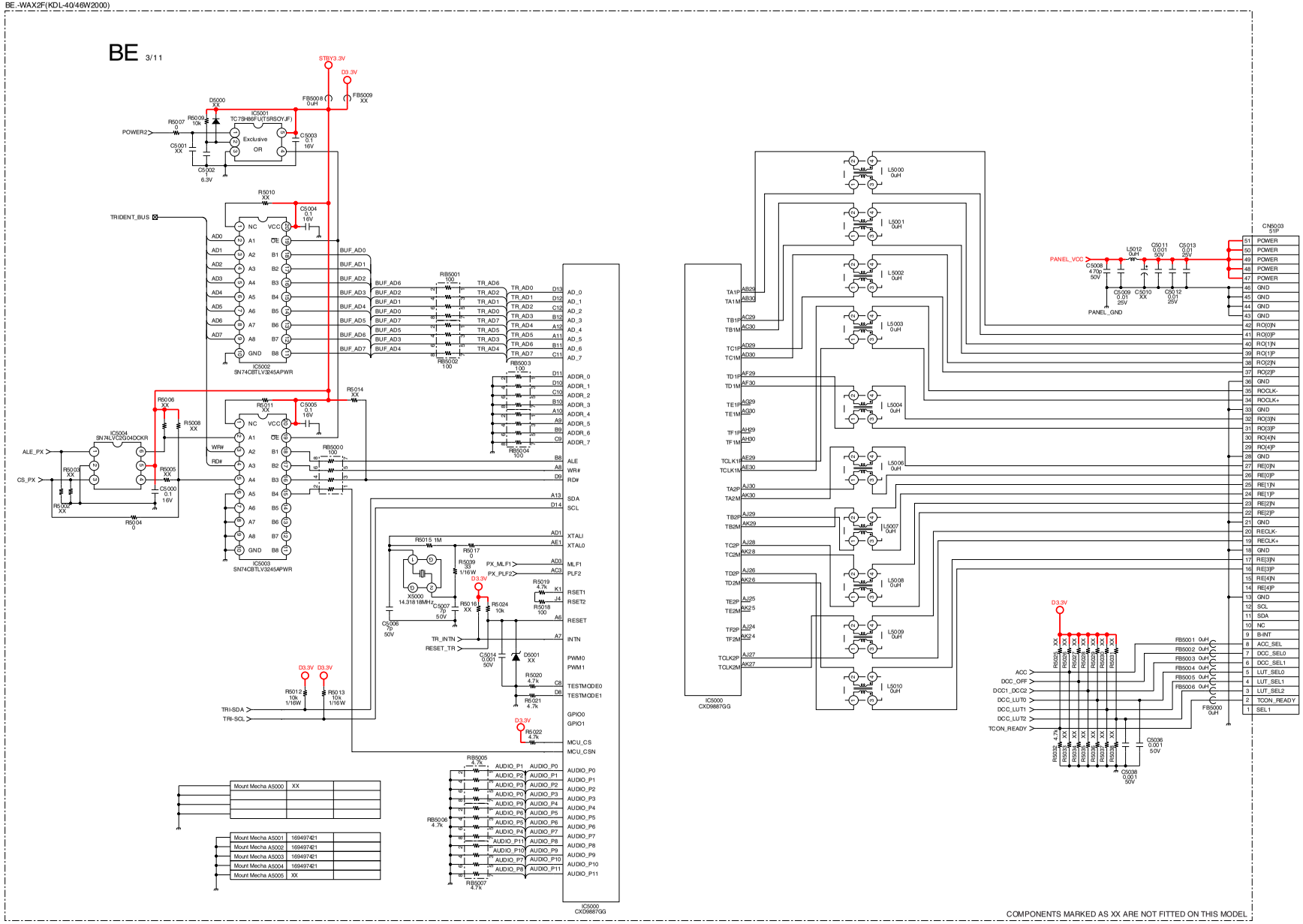
BE 1/11

MAIN MICRO PROCESSOR & VIDEO PROCESSOR

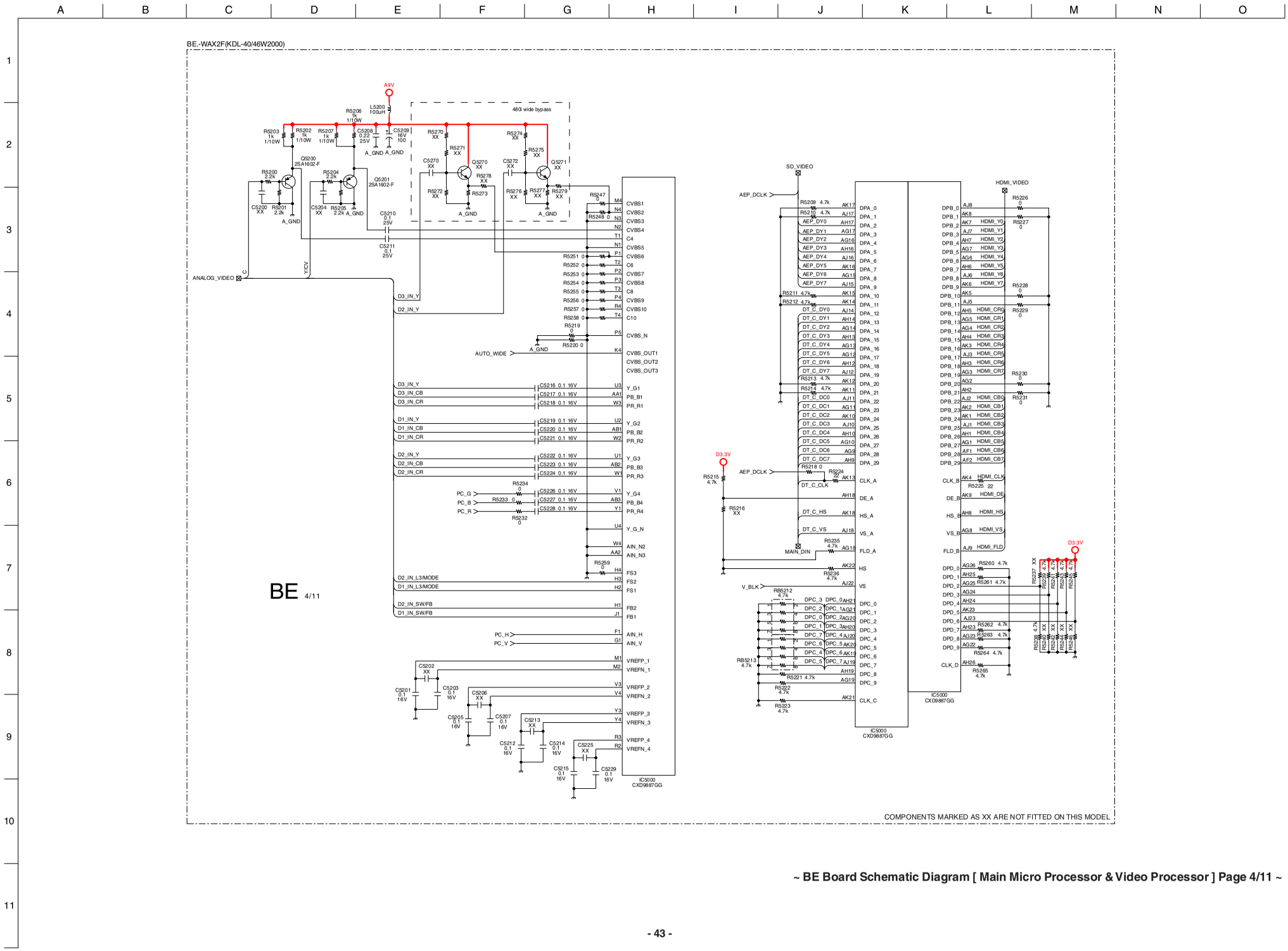




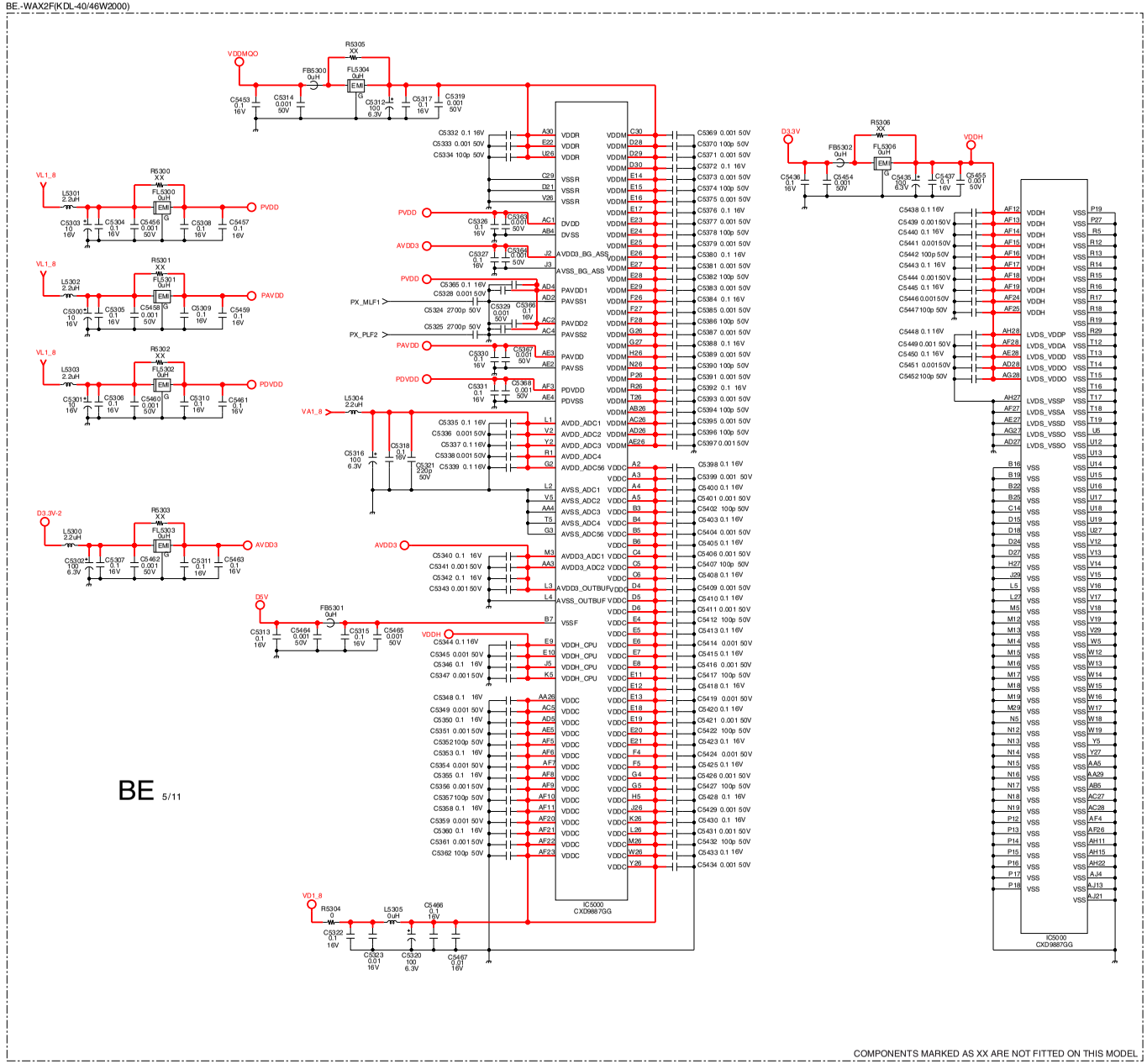
~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 2/11 ~



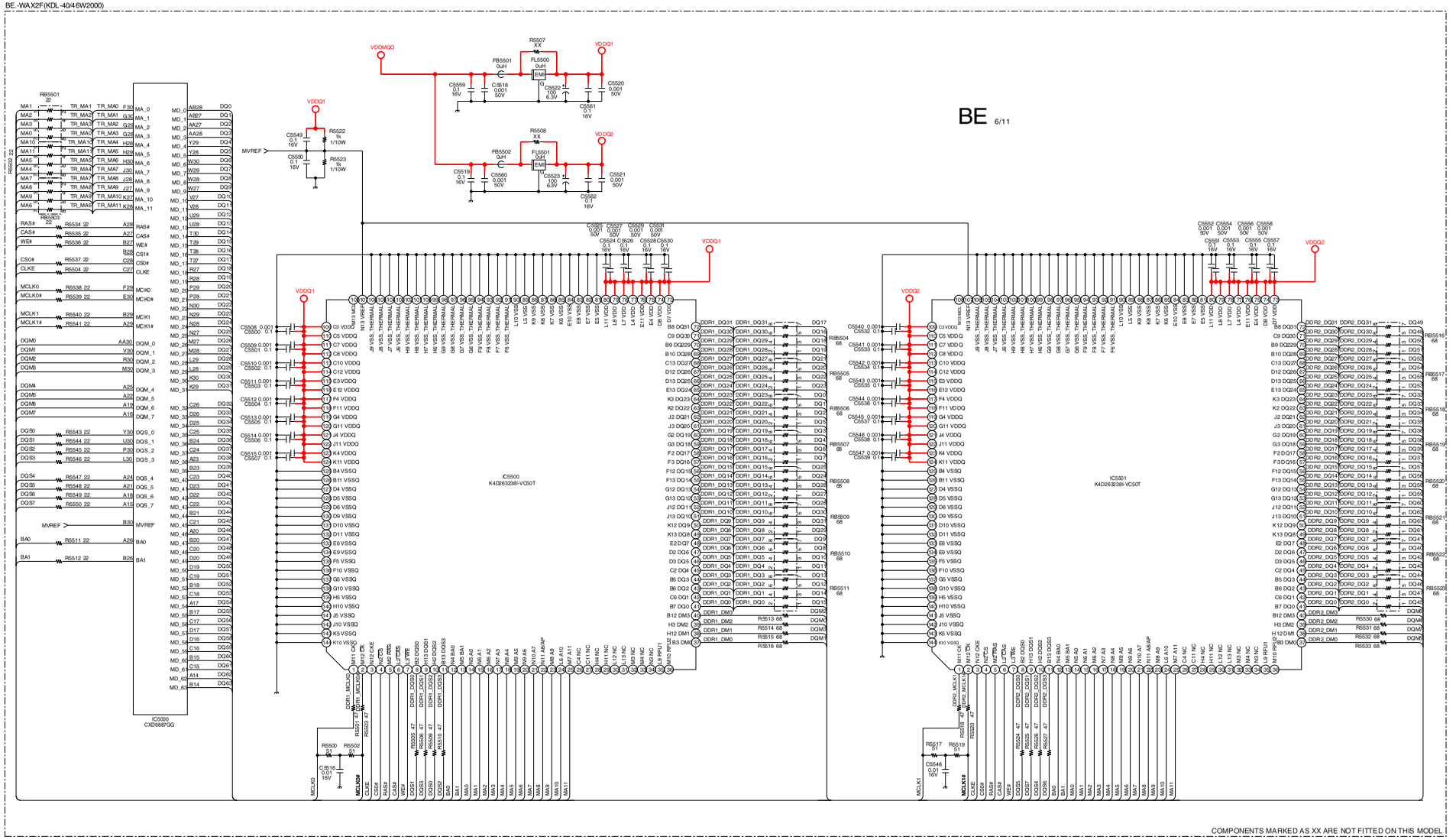
~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 3/11 ~



~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 4/11 ~



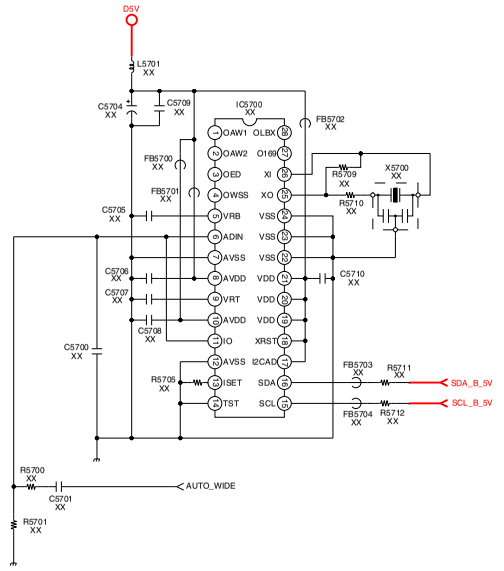
~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 5/11 ~



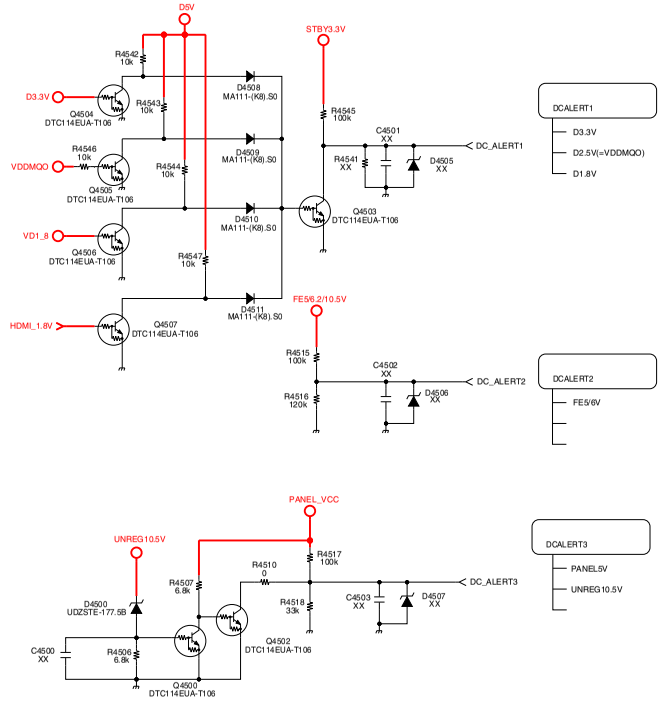
~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 6/11 ~

BE.-WAX2F(KDL-40/46W2000)

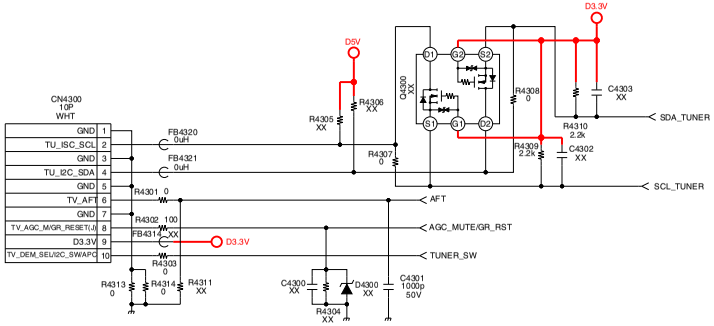
AUTO WIDE



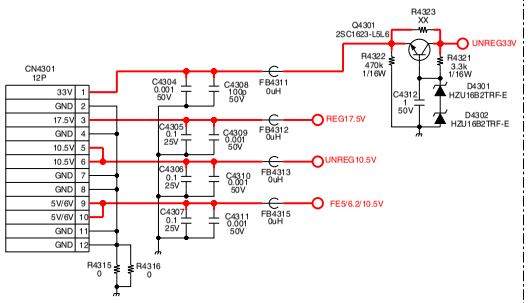
DC_ALERT



TUNER_CONTROL

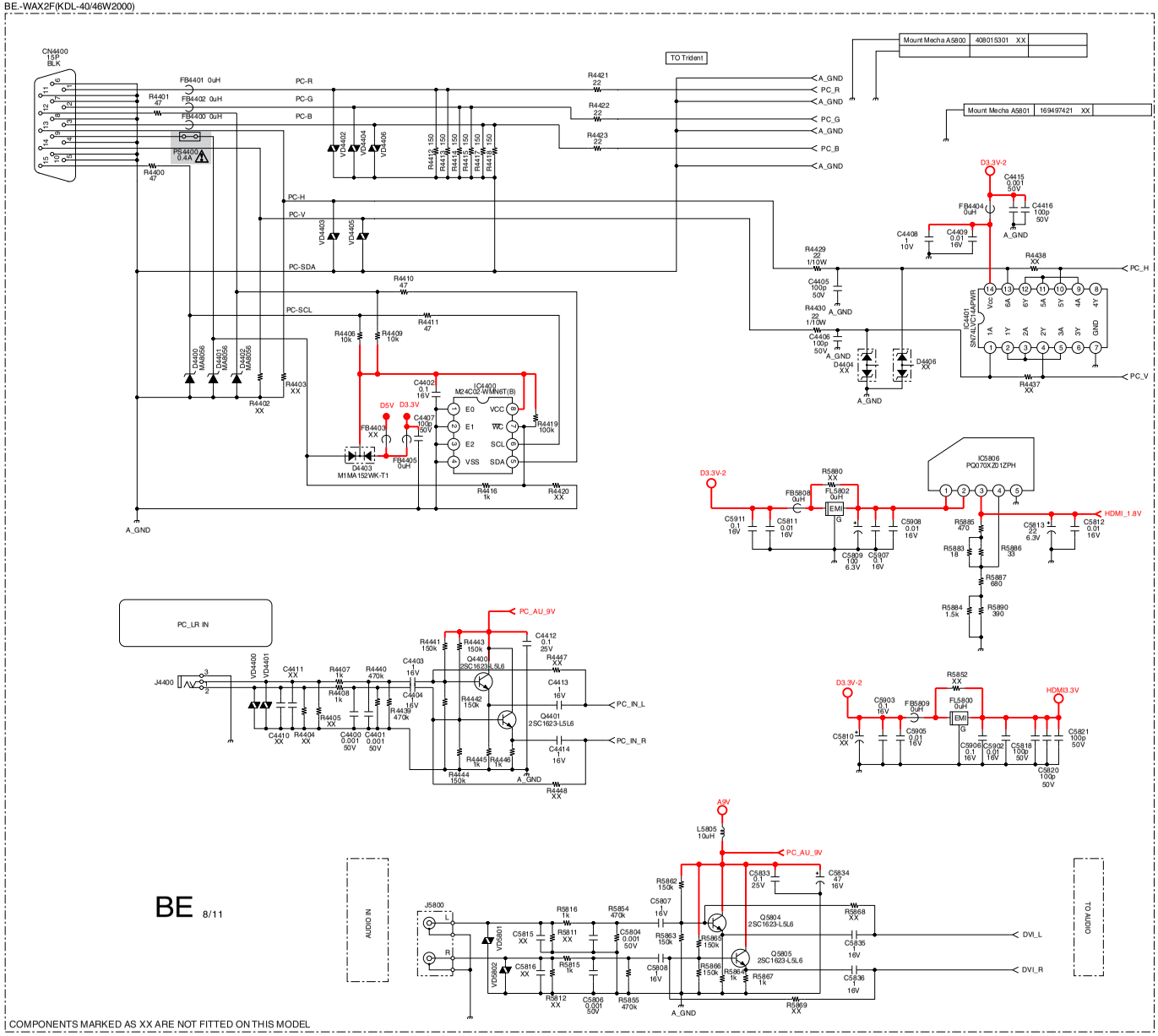


POWER TO TUNER

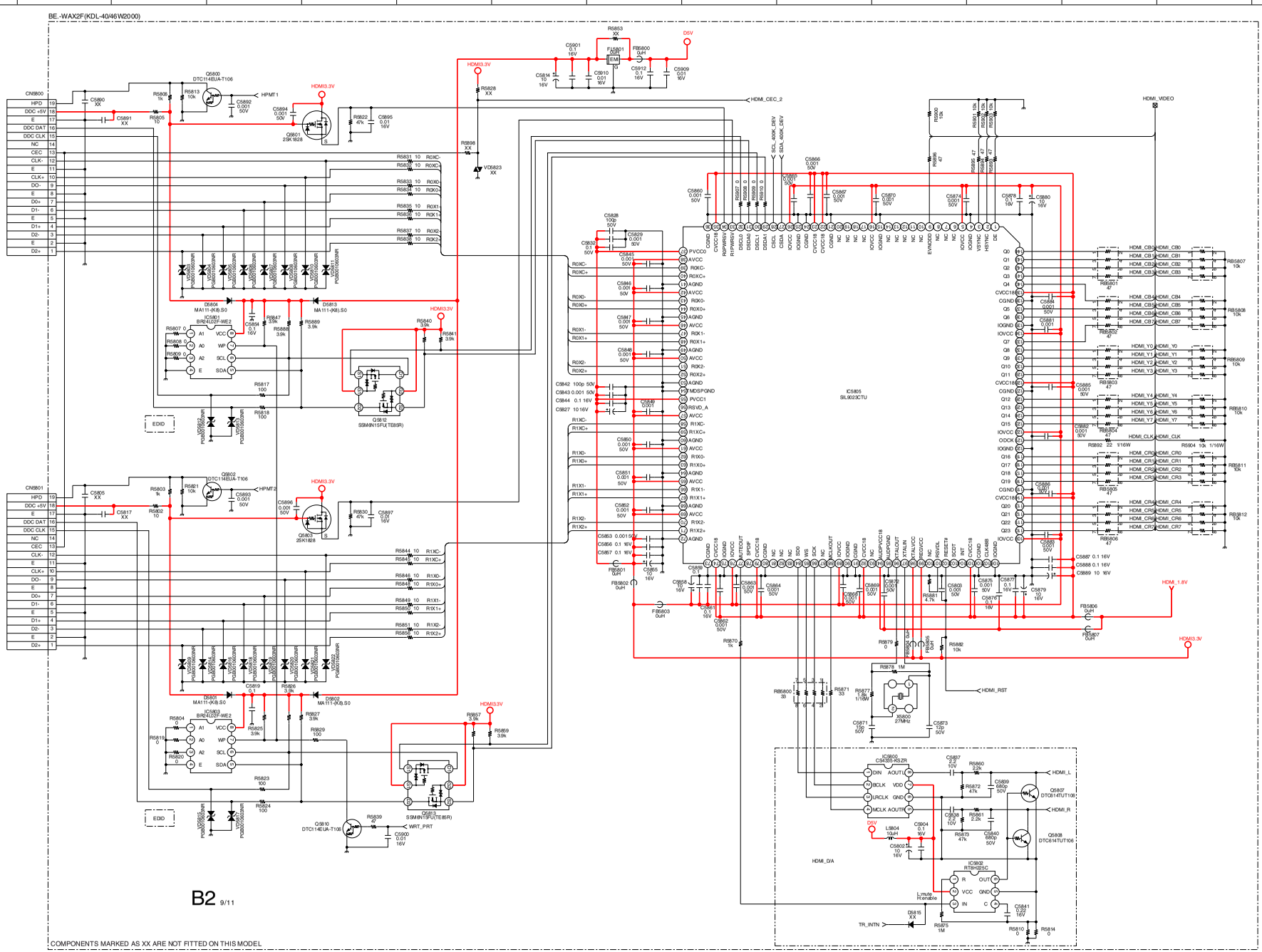


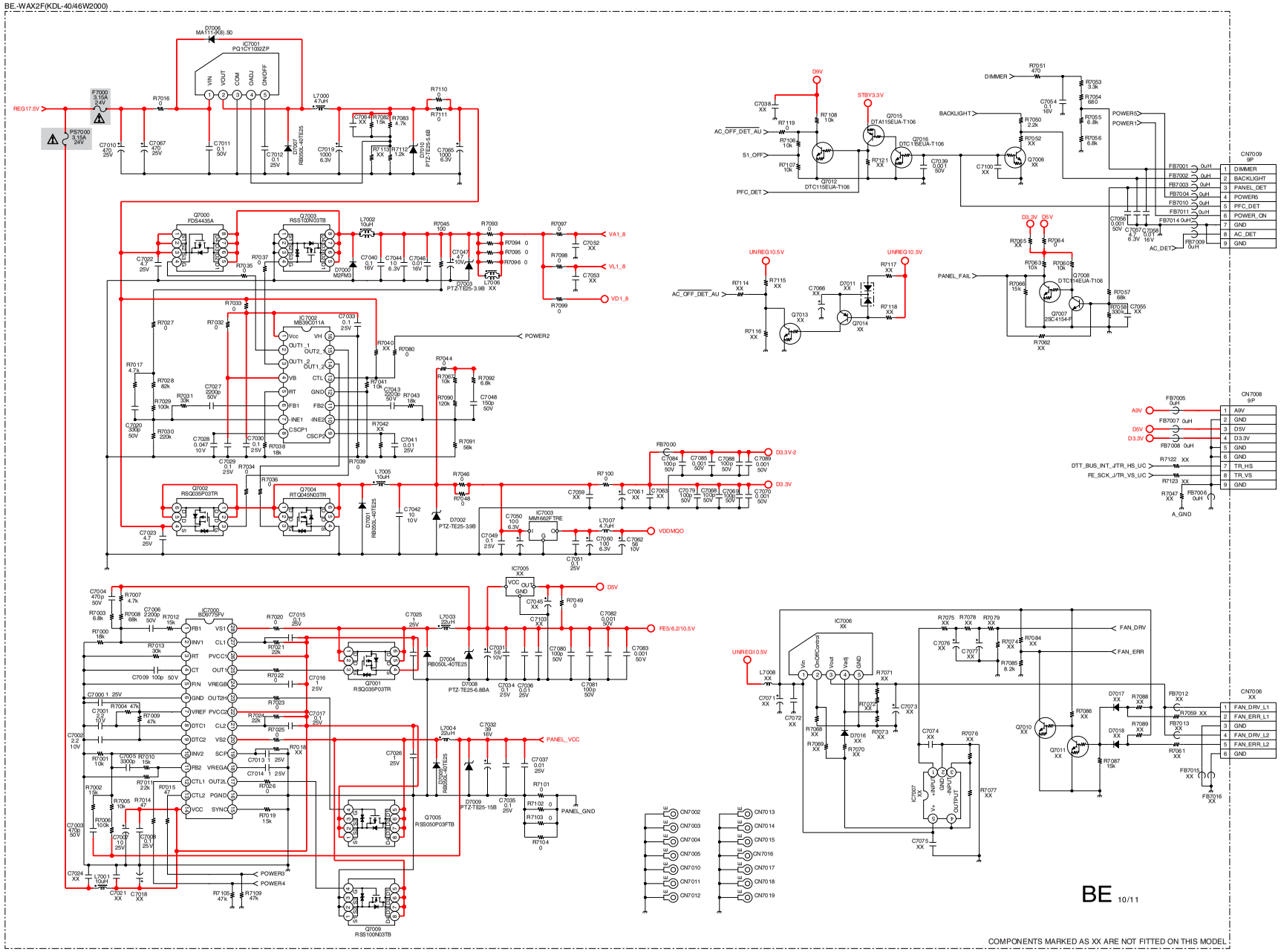
BE 7/11

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL



~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 8/11 ~

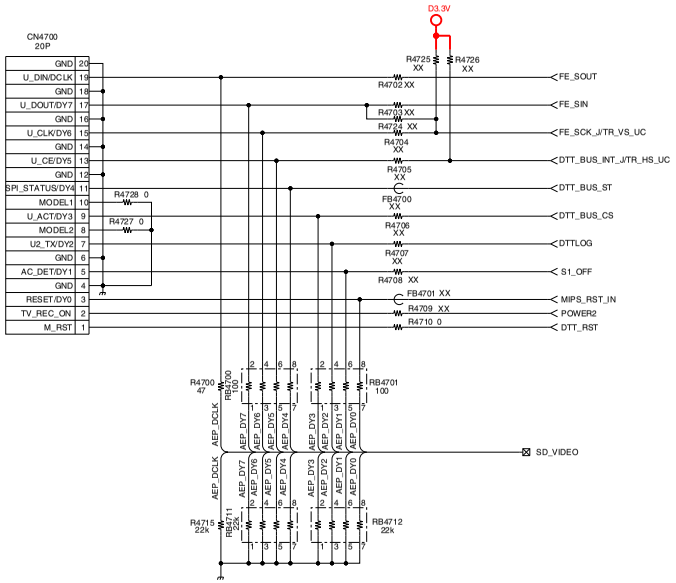

BE.-WAX2F(KDL-40/46W2000)
IC5805
SIL9023CTU
IC5800
CS4335-KQZR
IC5802
RT9H025C
X5800
27MHz
HDMI_VIDEO
HDMI_CEC_2
HDMI_RST
HDMI_1.8V
HDMI3.3V
5V
HDMI_L
HDMI_R
HDMI_DA
TR_INTN
WRT_PRT
L:mute H:enable
EDID
B2 9/11
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL



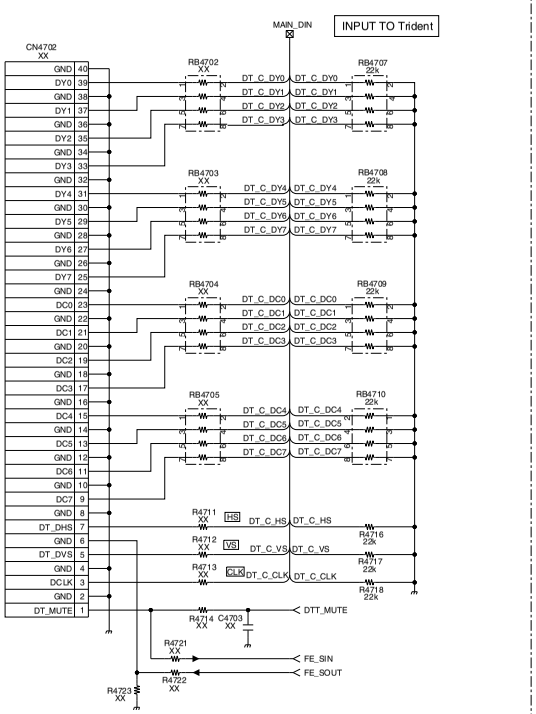
~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 10/11 ~

BE.-WAX2F(KDL-40/46W2000)

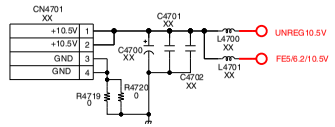
SYSTEM(J)/SD_VIDEO(AEP)



FROM F/E HD VIDEO(DIGITAL)



TO F/E POWER(J&U/C)

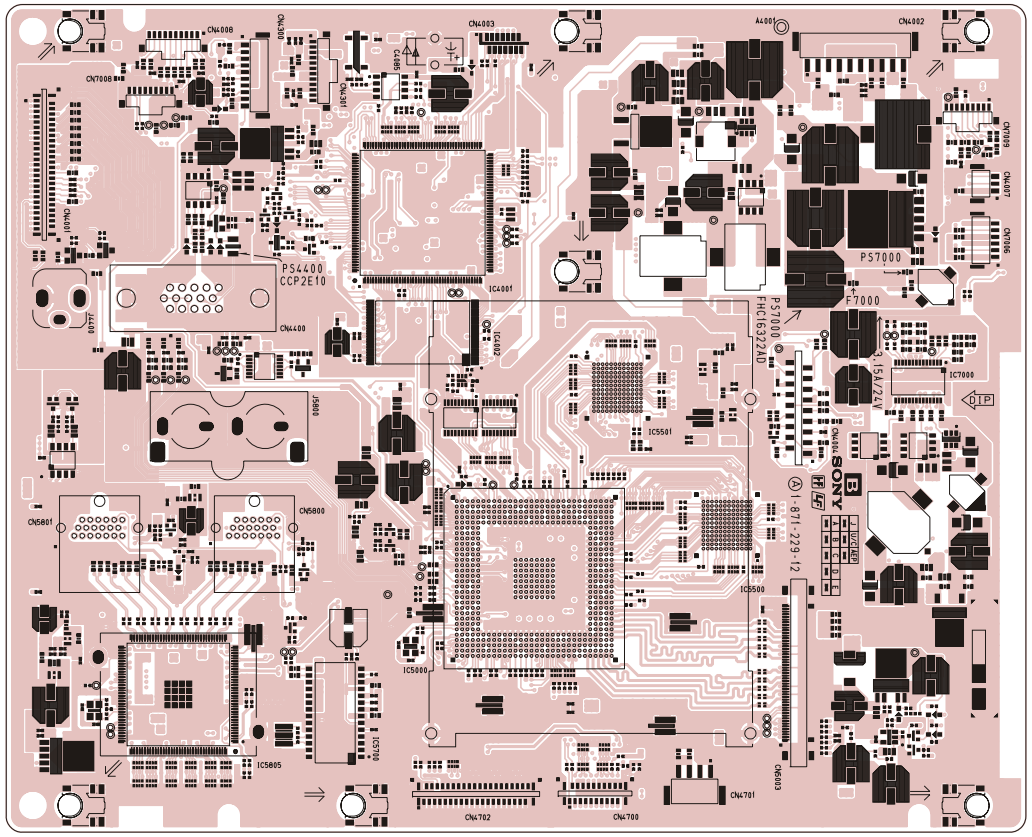


BE 11/11

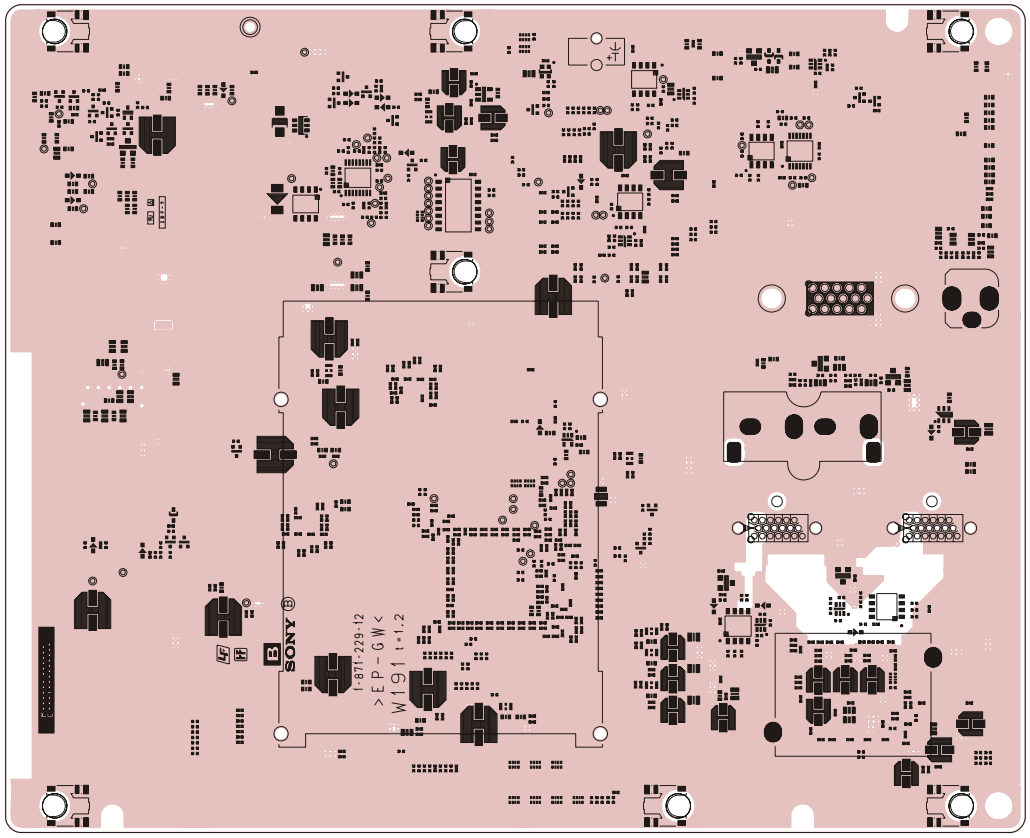
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

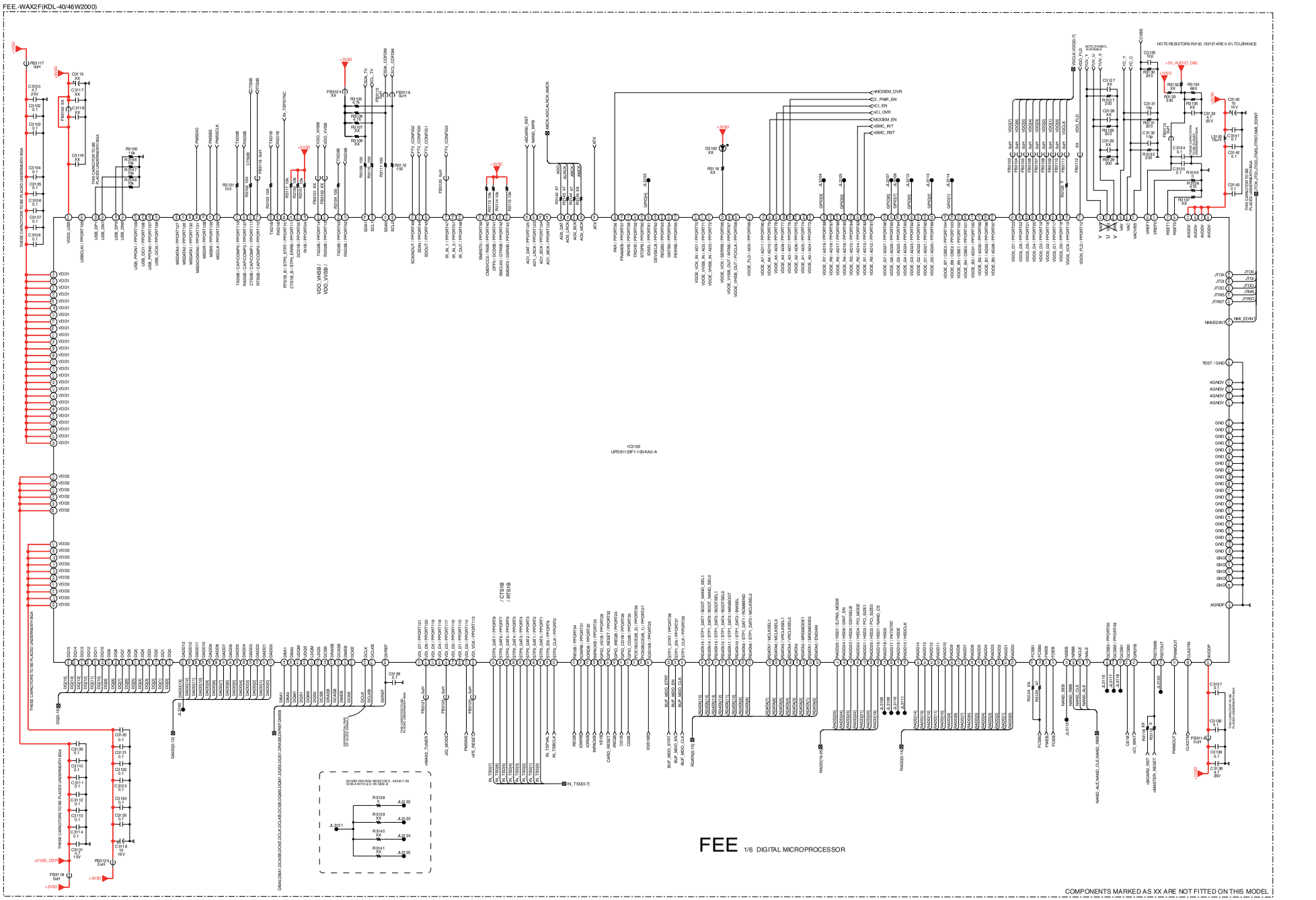
~ BE Board Schematic Diagram [Main Micro Processor & Video Processor] Page 11/11 ~

~ BE Printed Wiring Board Conductor Side A ~

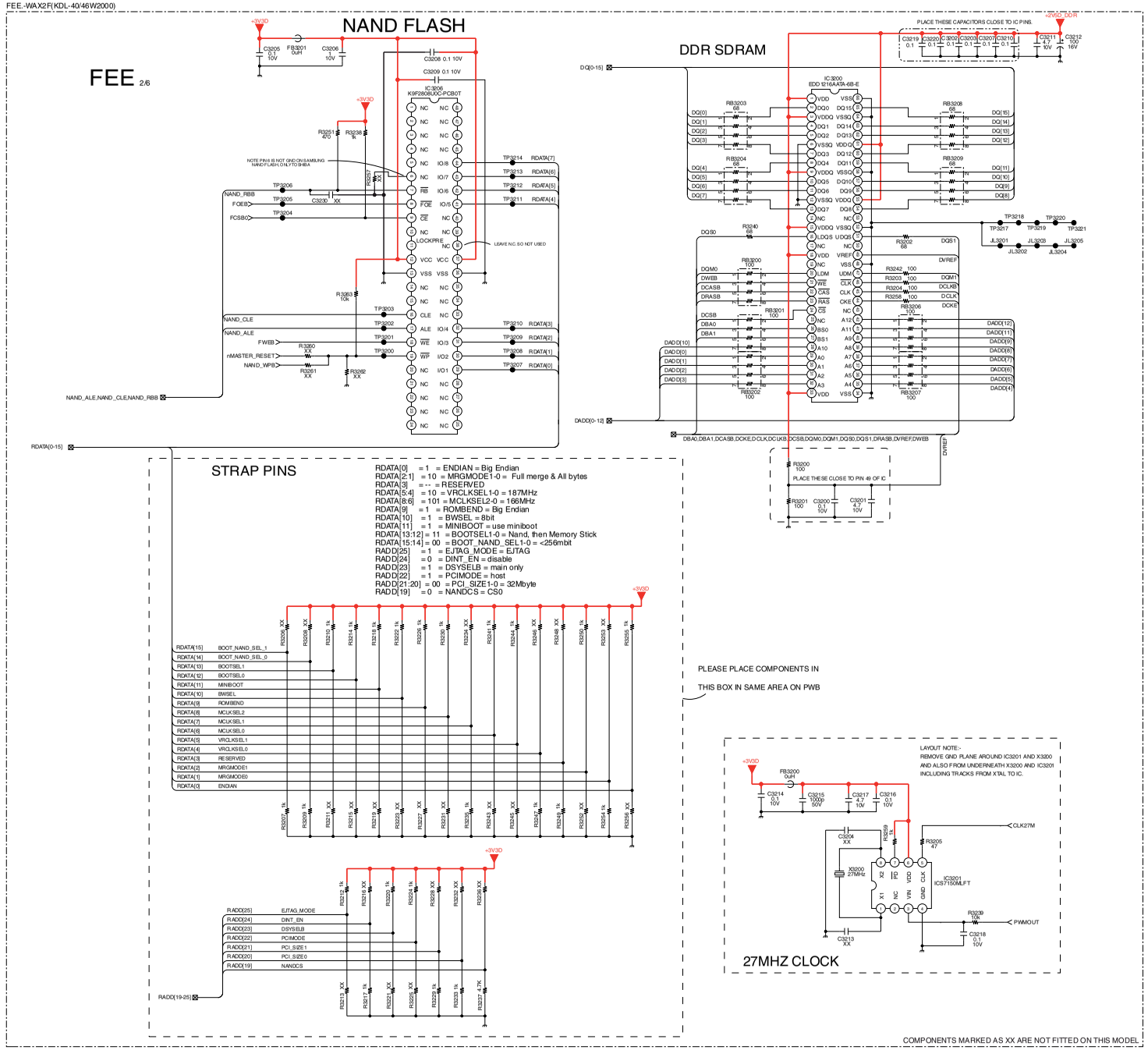


~ BE Printed Wiring Board Conductor Side B ~

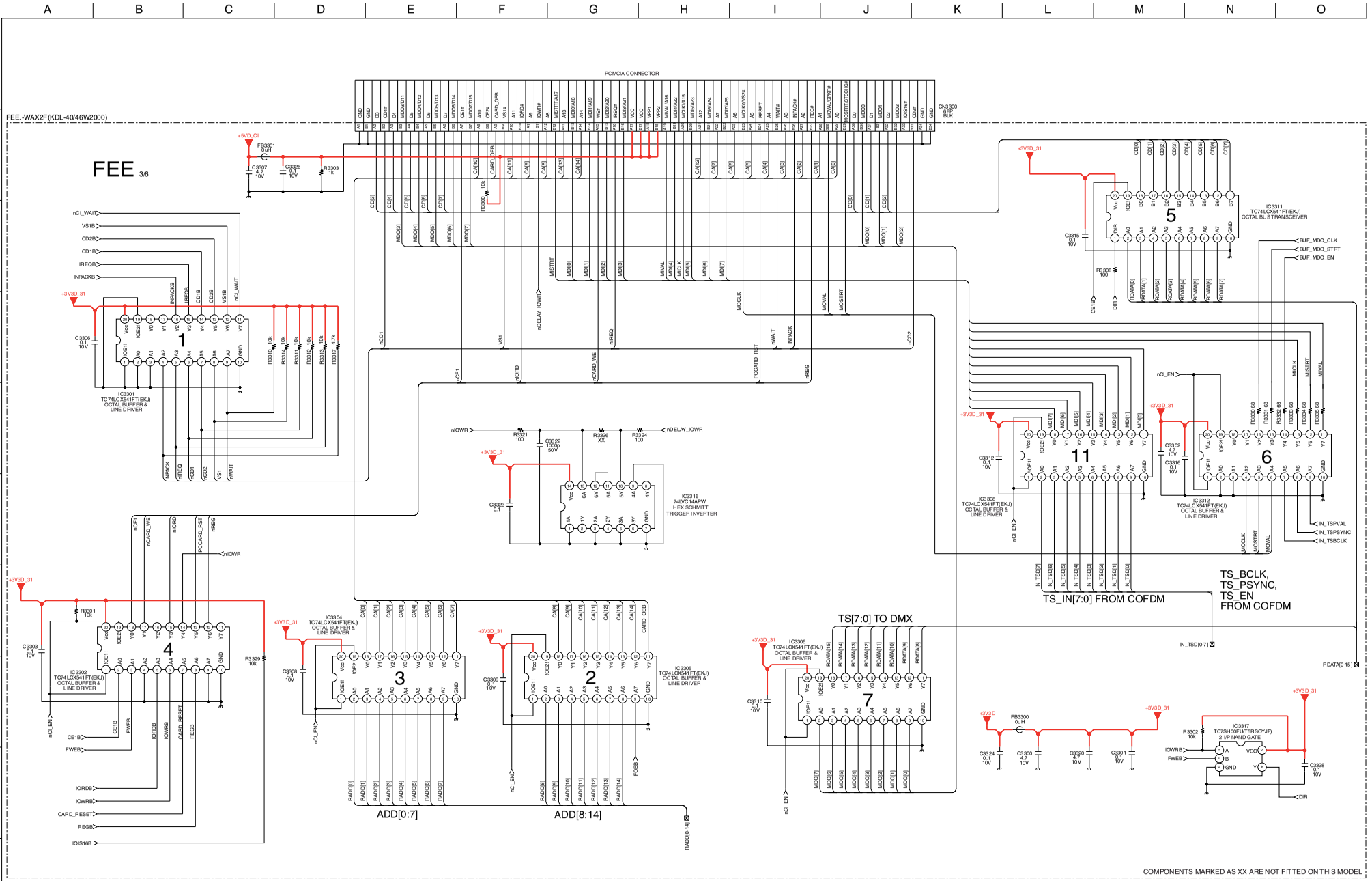




~ FEE Board Schematic Diagram [Digital Microprocessor] Page 1/6 ~

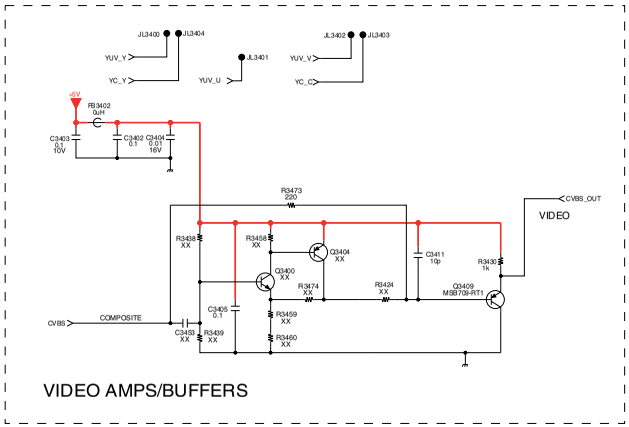

NAND FLASH
FEE 2/6
DDR SDRAM
STRAP PINS
RDATA[0] = 1 = ENDIAN = Big Endian
RDATA[2:1] = 10 = MRGMODE1-0 = Full merge & All bytes
RDATA[3] = -- = RESERVED
RDATA[5:4] = 10 = VRCLKSEL1-0 = 187MHz
RDATA[8:6] = 101 = MCLKSEL2-0 = 166MHz
RDATA[9] = 1 = ROMBEND = Big Endian
RDATA[10] = 1 = BWSEL = 8bit
RDATA[11] = 1 = MINIBOOT = use miniboot
RDATA[13:12] = 11 = BOOTSEL1-0 = Nand, then Memory Stick
RDATA[15:14] = 00 = BOOT_NAND_SEL1-0 = <256mbit
RADD[25] = 1 = EJTAG_MODE = EJTAG
RADD[24] = 0 = DINT_EN = disable
RADD[23] = 1 = DSYSELB = main only
RADD[22] = 1 = PCIMODE = host
RADD[21:20] = 00 = PCI_SIZE1-0 = 32Mbyte
RADD[19] = 0 = NANDCS = CS0
PLEASE PLACE COMPONENTS IN
THIS BOX IN SAME AREA ON PWB
27MHZ CLOCK
LAYOUT NOTE:-
REMOVE GND PLANE AROUND IC3201 AND X3200
AND ALSO FROM UNDERNEATH X3200 AND IC3201
INCLUDING TRACKS FROM XTAL TO IC.
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ FEE Board Schematic Diagram [Digital Microprocessor] Page 2/6 ~

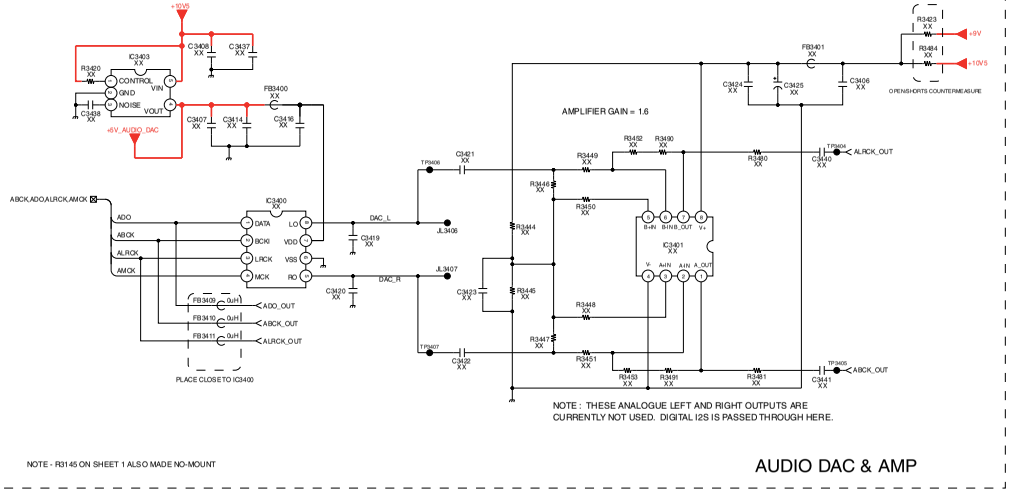


~ FEE Board Schematic Diagram [Digital Microprocessor] Page 3/6 ~

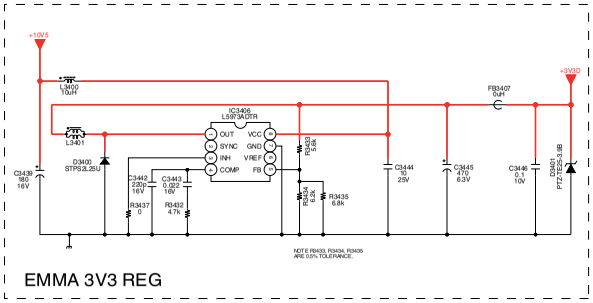
FEE 4/6



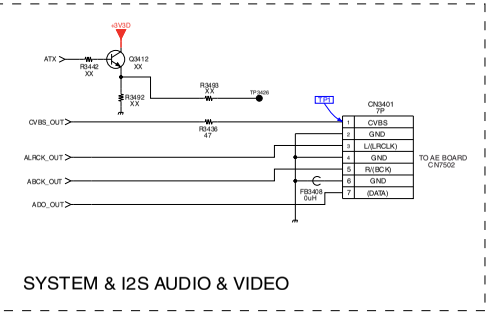
VIDEO AMPS/BUFFERS



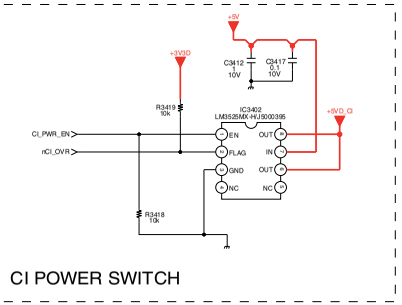
AUDIO DAC & AMP



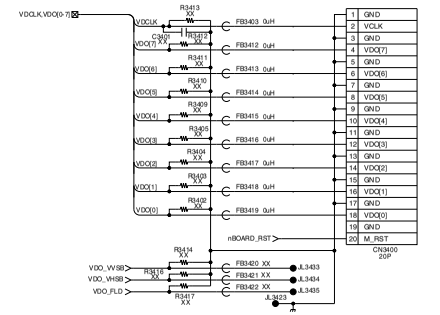
EMMA 3V3 REG



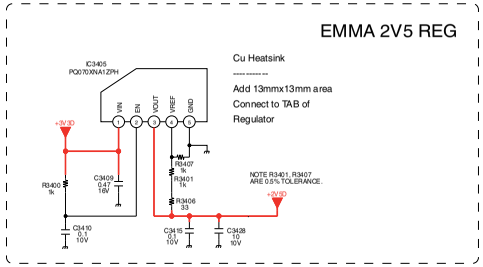
SYSTEM & I2S AUDIO & VIDEO

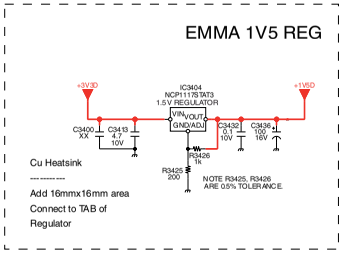


CI POWER SWITCH

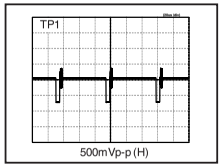


DIGITAL VIDEO OUT





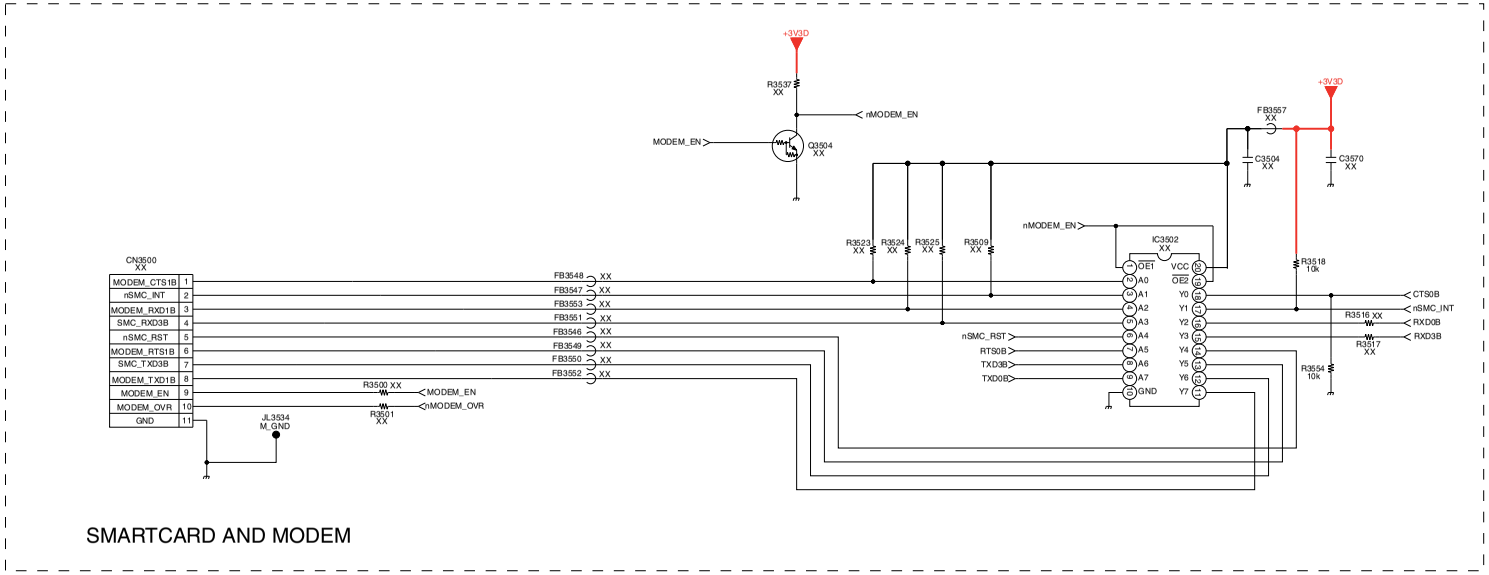
~ FEE (4/6) Board Waveform ~



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

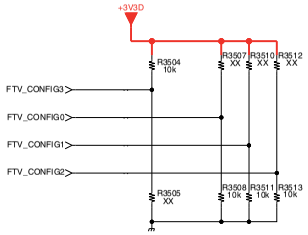
~ FEE Board Schematic Diagram [Digital Microprocessor] Page 4/6 ~

FEE.-WAX2F(KDL-40/46W2000)



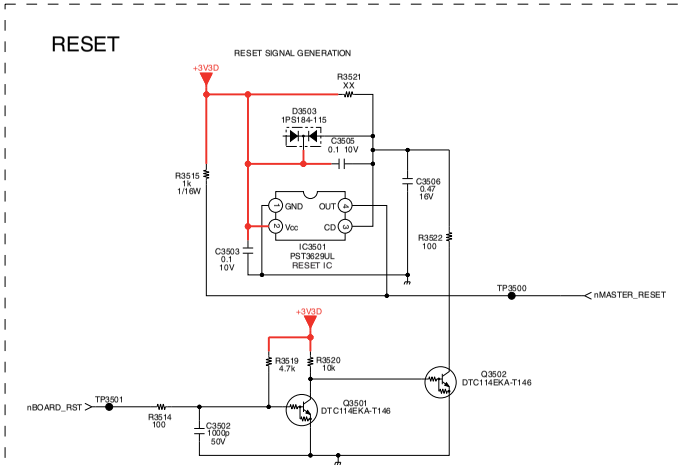
SMARTCARD AND MODEM

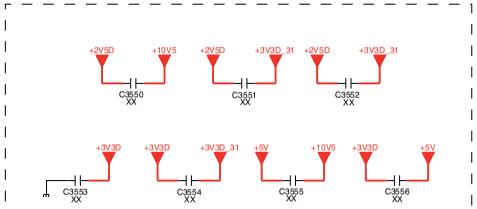
FEE 5/6



	00 TRIAL	CONF-1 / 2 TRIAL	CONF-3 / PP TRIAL
FTV_CONFIG3	0	0	1
FTV_CONFIG2	1	0	0
FTV_CONFIG1	0	0	0
FTV_CONFIG0	1	0	0

S/W OPTION SELECT RESISTORS





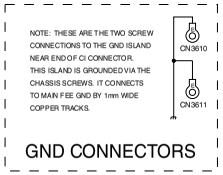
NOISE IMPROVEMENT CAPACITORS

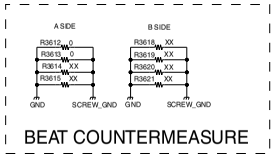
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

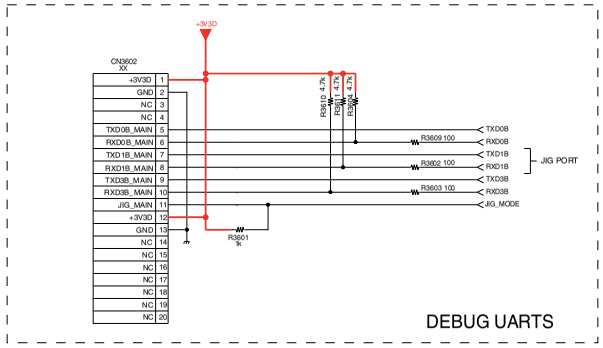
~ FEE Board Schematic Diagram [Digital Microprocessor] Page 5/6 ~

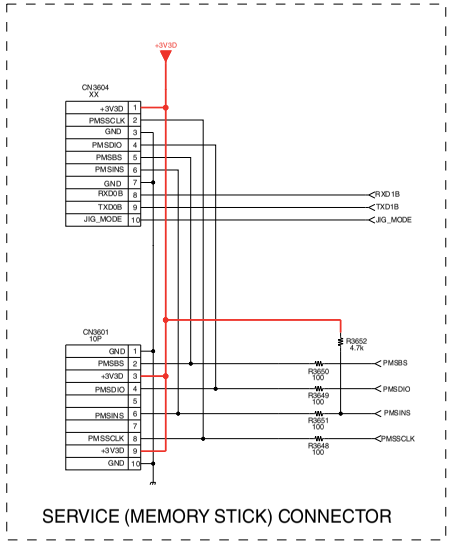
FEE.-WAX2F(KDL-40/46W2000)

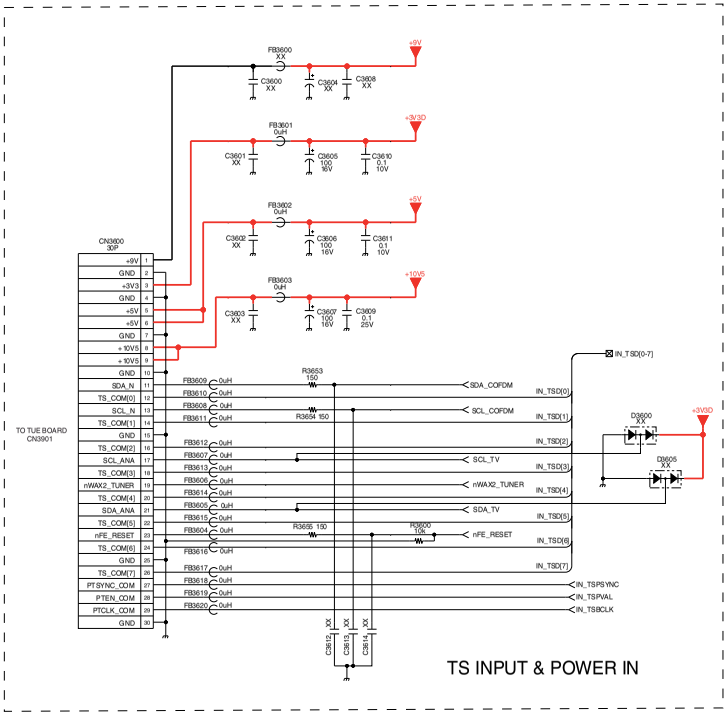
FEE 6/6

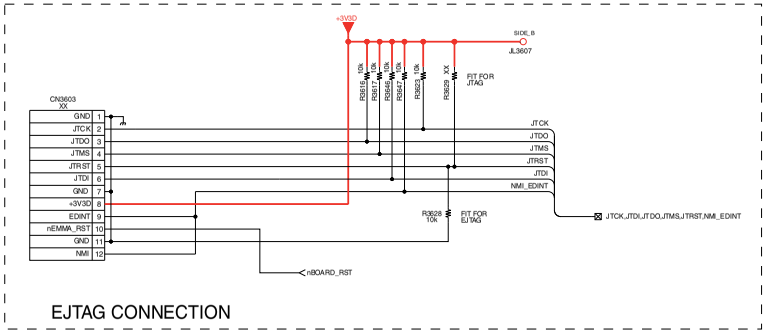

NOTE: THESE ARE THE TWO SCREW CONNECTIONS TO THE GND ISLAND NEAR END OF CI CONNECTOR. THIS ISLAND IS GROUNDED VIA THE CHASSIS SCREWS. IT CONNECTS TO MAIN FEE GND BY 1mm WIDE COPPER TRACKS.
CN3610
CN3611
GND CONNECTORS

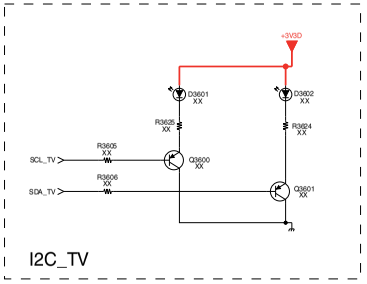


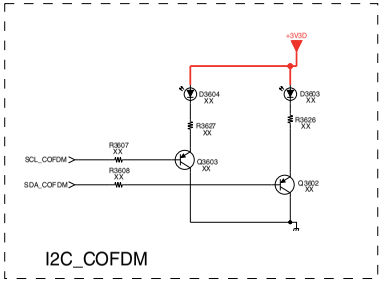








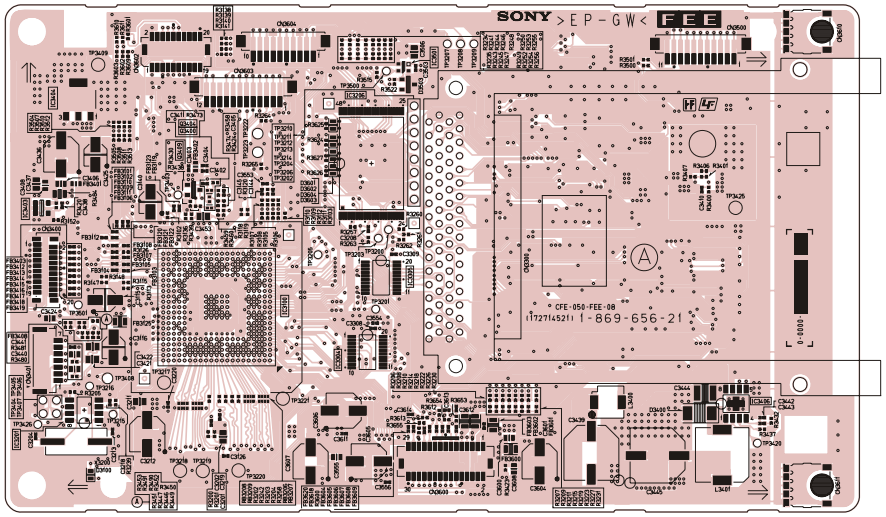




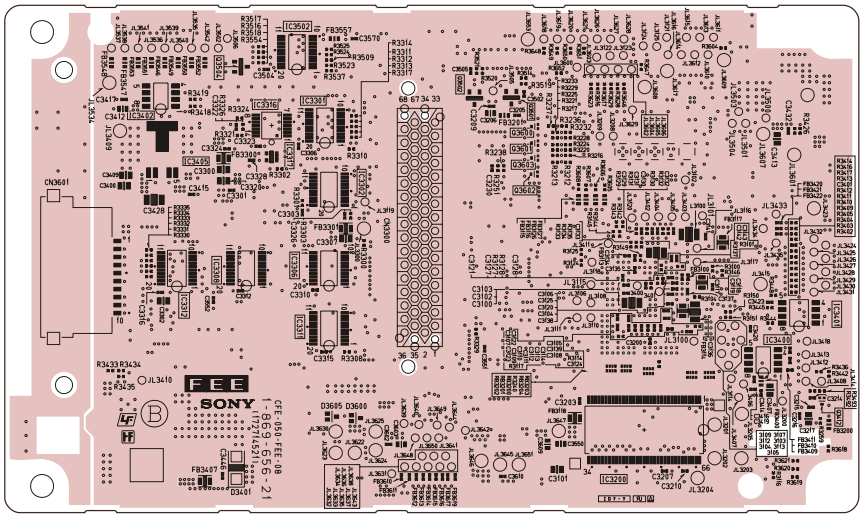
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ FEE Board Schematic Diagram [Digital Microprocessor] Page 6/6 ~

~ FEE Printed Wiring Board Conductor Side A ~



~ FEE Printed Wiring Board Conductor Side B ~



~ FEE Board Semiconductor Voltage Table Side A ~

Ref	(e)(s)	(b)(g)	(c)(d)
Q3409	1.0	0.3	0

~ FEE Board Semiconductor Location Table Side A ~

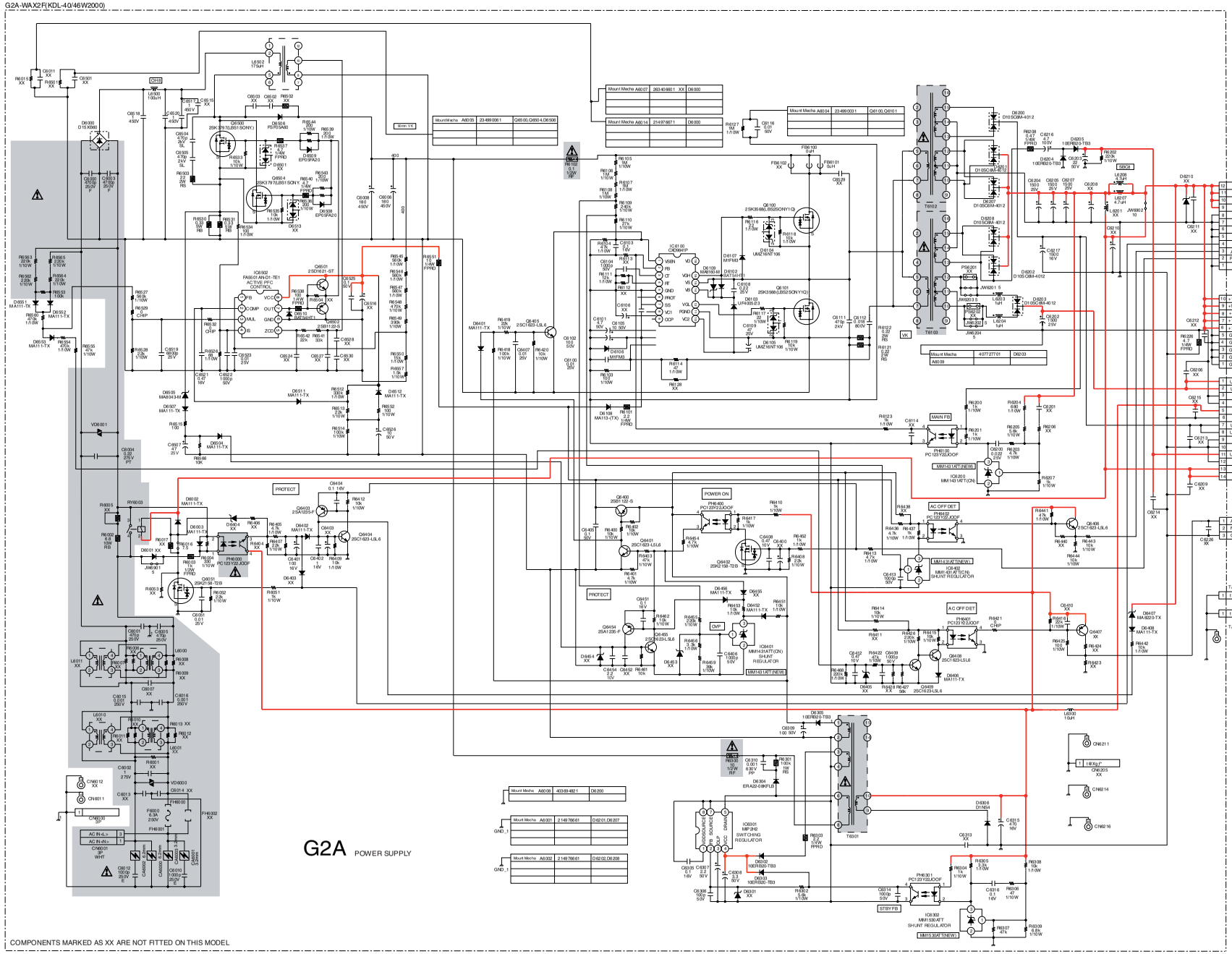
DIODE		IC		IC3206	C - 2	IC3403	A - 3	IC3501	D - 2
D3400	F - 4	IC3100	C - 3	IC3304	C - 4	IC3404	A - 2	TRANSISTOR	
D3503	D - 2	IC3201	A - 4	IC3305	D - 3	IC3406	F - 4	Q3409	B - 2

~ FEE Board IC Voltage Table Side A ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC3201	1	1.3	IC3201	4	0	IC3201	8	1.9	IC3404	3	0	IC3406	3	0	IC3406	6	3.3
	2	0		5	1.7	IC3404	1	3.3	IC3406	1	3.4		4	1.0		7	0
	3	1.7		6-7	3.3		2	1.5		2	1.4		5	1.2		8	13.0

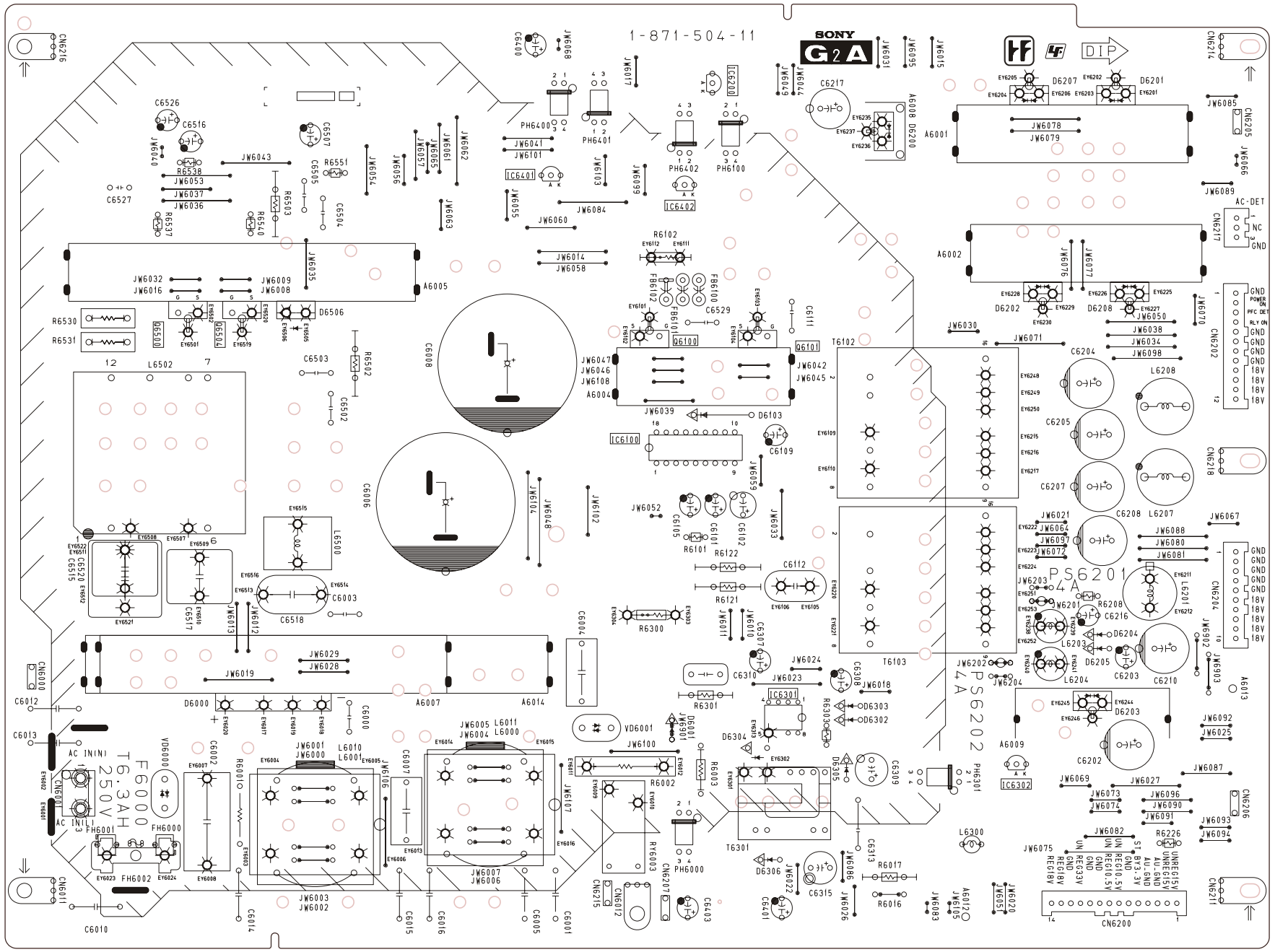
~ FEE Board Semiconductor Location Table Side B ~

DIODE		IC		IC3306	C - 8	IC3316	C - 7	IC3405	B - 8
D3401	B - 10	IC3200	E - 10	IC3308	B - 8	IC3317	C - 8	TRANSISTOR	
D3600	C - 10	IC3301	C - 7	IC3311	C - 9	IC3400	F - 9	Q3501	E - 7
D3605	C - 10	IC3302	C - 8	IC3312	B - 8	IC3402	B - 7	Q3502	D - 7



~ G2A Board Schematic Diagram [Power Supply] ~

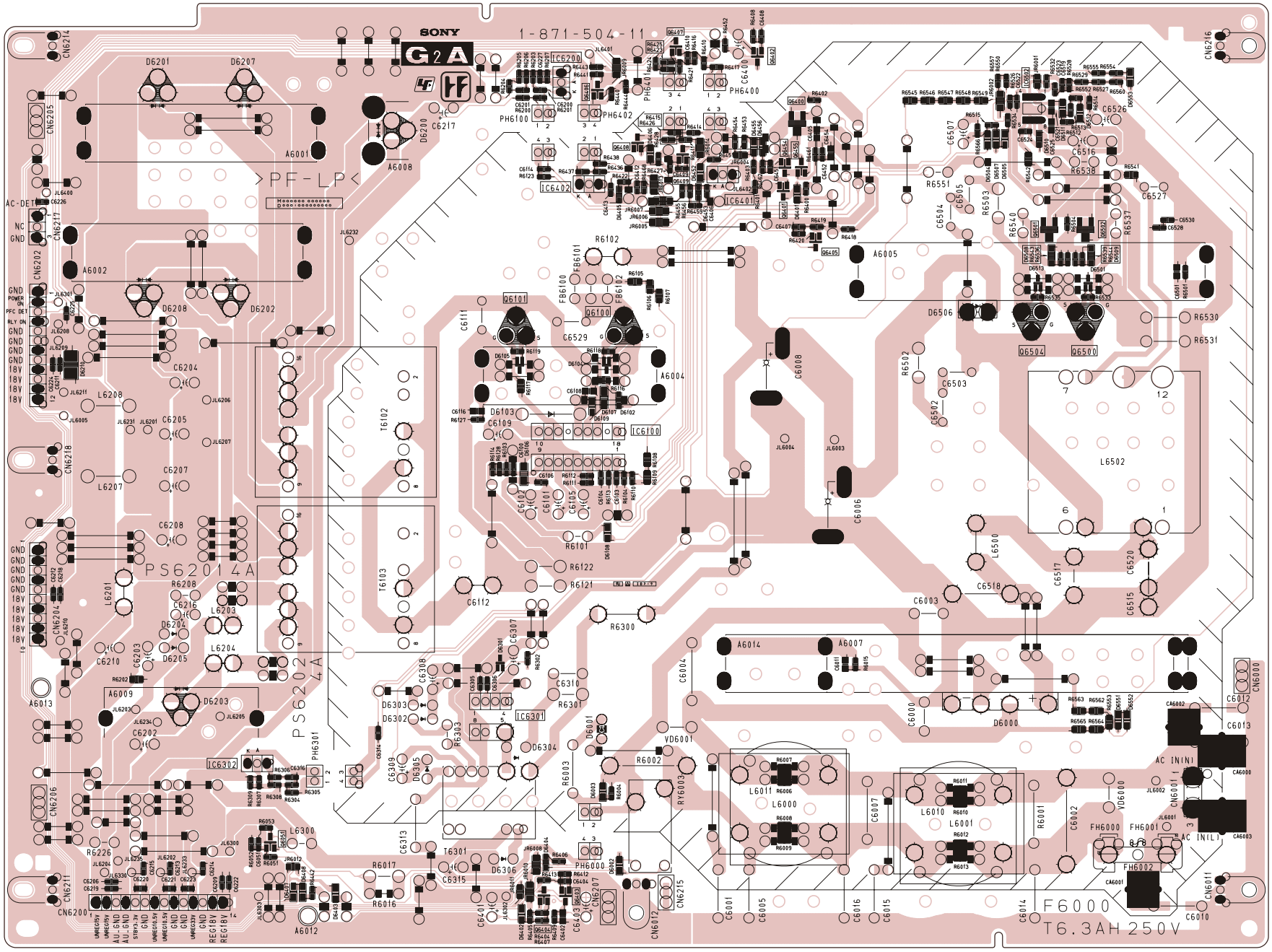
~ G2A Printed Wiring Board Conductor Side A ~



~ G2A Board Semiconductor Location Table Side A ~

DIODE		D6305	I - 9
D6000	C - 8	D6306	H - 10
D6103	H - 5	D6506	D - 4
D6200	J - 2	**IC**	
D6201	M - 2	IC6200	H - 2
D6202	K - 4	IC6301	I - 8
D6203	L - 8	IC6302	K - 9
D6204	L - 7	IC6401	F - 3
D6205	K - 8	IC6402	H - 3
D6207	L - 2	**TRANSISTOR**	
D6208	L - 8	Q6100	H - 4
D6302	J - 8	Q6101	I - 4
D6303	J - 8	Q6500	B - 4
D6304	H - 8	Q6504	C - 4

~ G2A Printed Wiring Board Conductor Side B ~

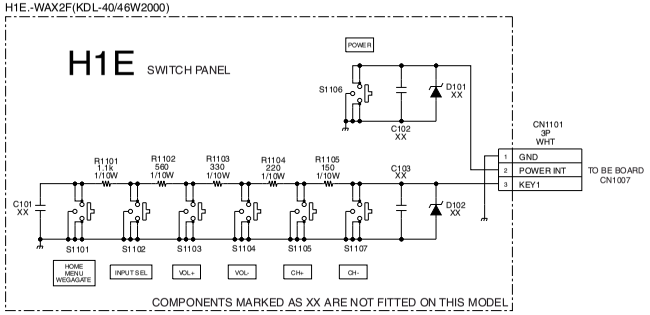


~ G2A Board Semiconductor Location Table Side B ~

DIODE			
D6000	K - 8	D6507	K - 3
D6002	G - 10	D6508	K - 3
D6003	G - 9	D6509	L - 3
D6102	G - 5	D6510	L - 2
D6103	F - 5	D6511	L - 2
D6104	G - 5	D6512	L - 2
D6105	F - 5	D6551	L - 8
D6106	F - 5	D6552	L - 8
D6107	G - 5	**IC**	
D6108	G - 6	IC6100	G - 5
D6200	E - 2	IC6200	G - 2
D6201	B - 2	IC6301	F - 8
D6202	C - 4	IC6302	C - 9
D6203	C - 8	IC6401	H - 3
D6204	B - 7	IC6402	F - 3
D6205	B - 8	IC6502	K - 2
D6207	C - 2	**TRANSISTOR**	
D6208	B - 4	Q6051	C - 10
D6302	E - 8	Q6100	G - 4
D6303	E - 8	Q6101	F - 4
D6304	F - 9	Q6400	I - 2
D6305	E - 9	Q6401	I - 3
D6306	F - 10	Q6402	I - 2
D6401	I - 3	Q6403	F - 10
D6402	F - 10	Q6404	F - 10
D6407	D - 10	Q6405	I - 3
D6408	D - 10	Q6406	G - 2
D6452	H - 3	Q6454	I - 2
D6456	I - 2	Q6455	I - 2
D6504	K - 3	Q6500	L - 4
D6505	K - 3	Q6501	K - 3
D6506	J - 4	Q6502	L - 3
		Q6504	K - 4

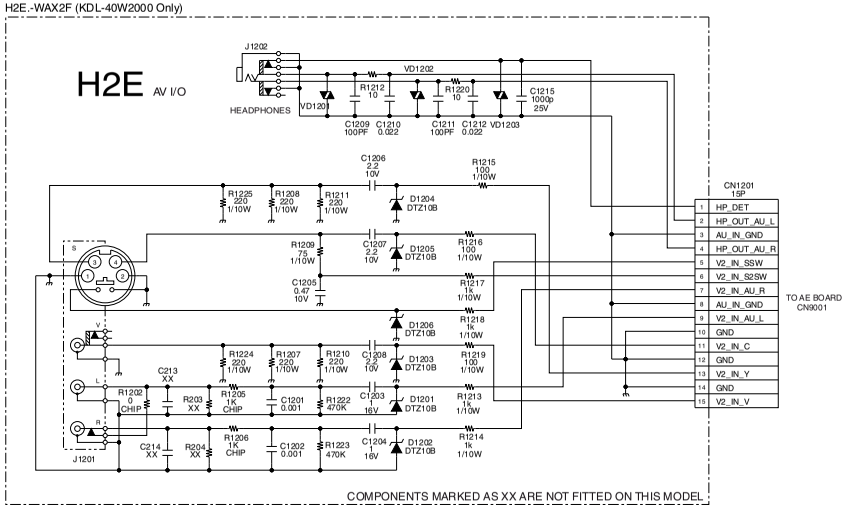
~ H1E Board Schematic Diagram [Switch Panel] ~

H1E.-WAX2F(KDL-40/46W2000)



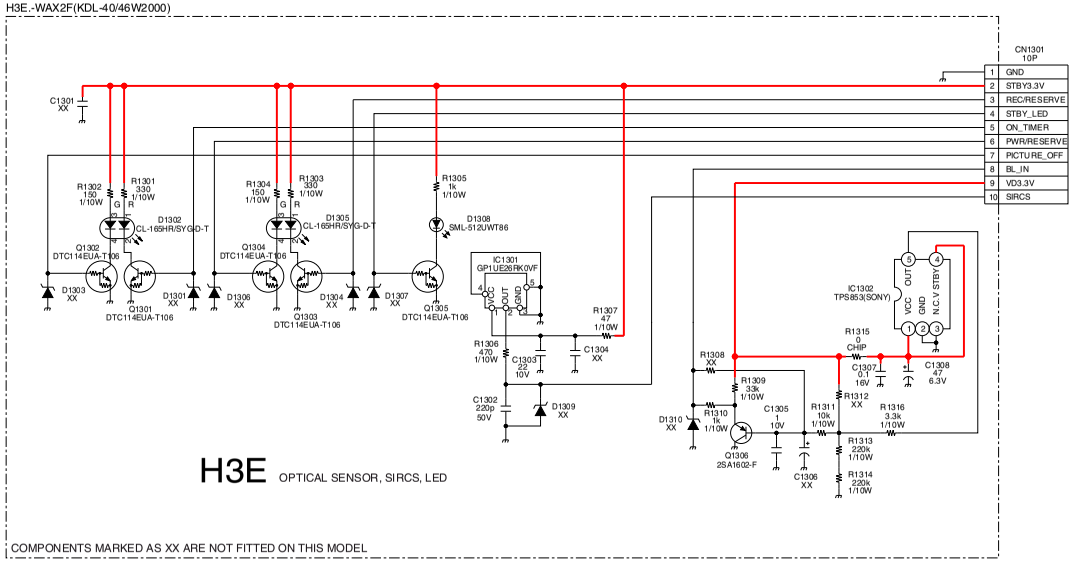
~ H2E Board Schematic Diagram [AV I/O] ~

H2E.-WAX2F (KDL-40W2000 Only)

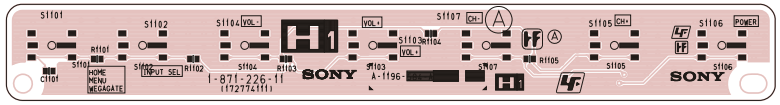


~ H3E Board Schematic Diagram [Optical Sensor, Sircs, Led] ~

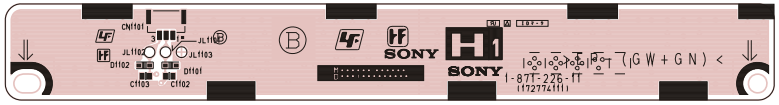
H3E.-WAX2F(KDL-40/46W2000)



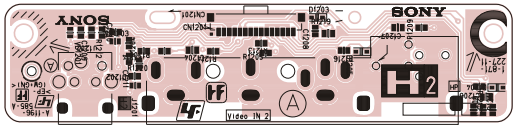
~ H1E Printed Wiring Board Conductor Side A ~



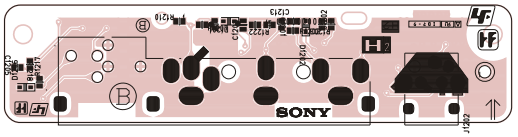
~ H1E Printed Wiring Board Conductor Side B ~



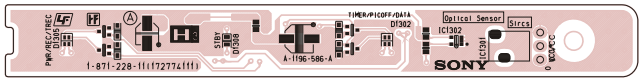
~ H2E Printed Wiring Board Conductor Side A ~



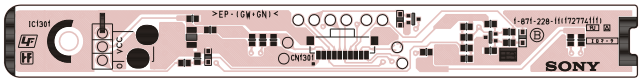
~ H2E Printed Wiring Board Conductor Side B ~



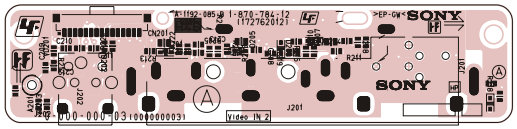
~ H3E Printed Wiring Board Conductor Side A ~



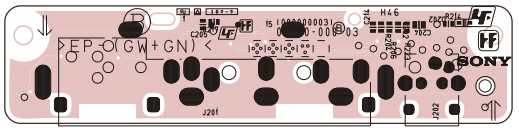
~ H3E Printed Wiring Board Conductor Side B ~



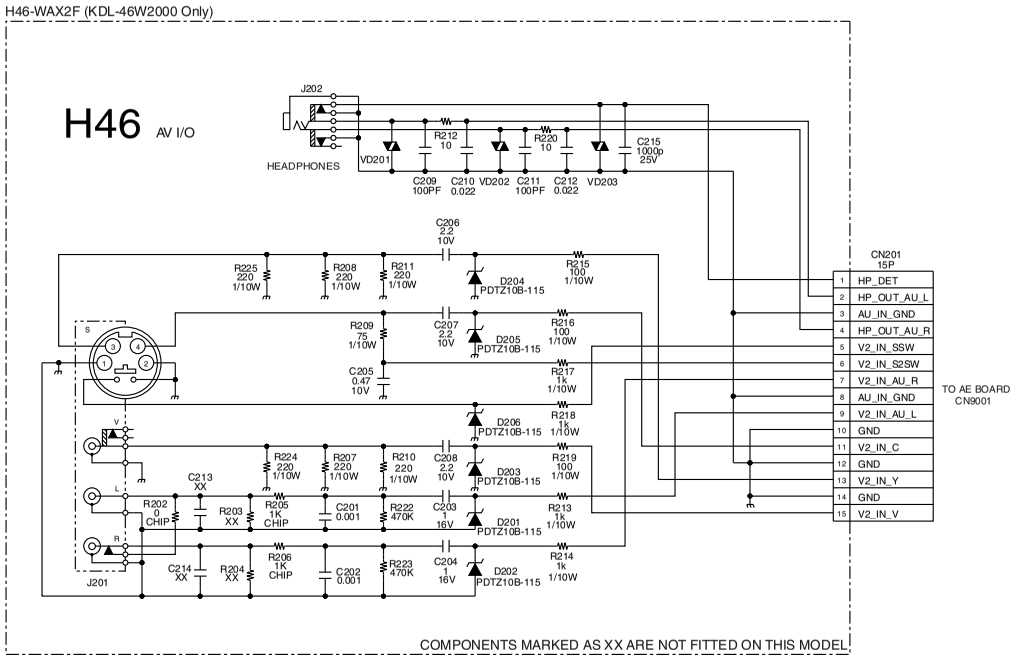
~ H46 Printed Wiring Board Conductor Side A ~

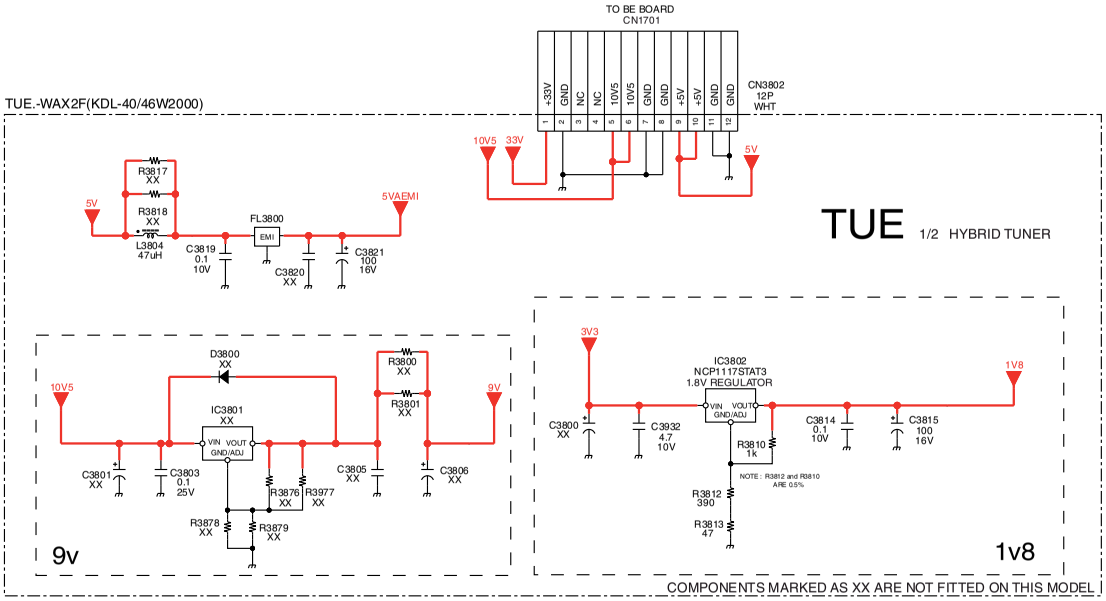


~ H46 Printed Wiring Board Conductor Side B ~

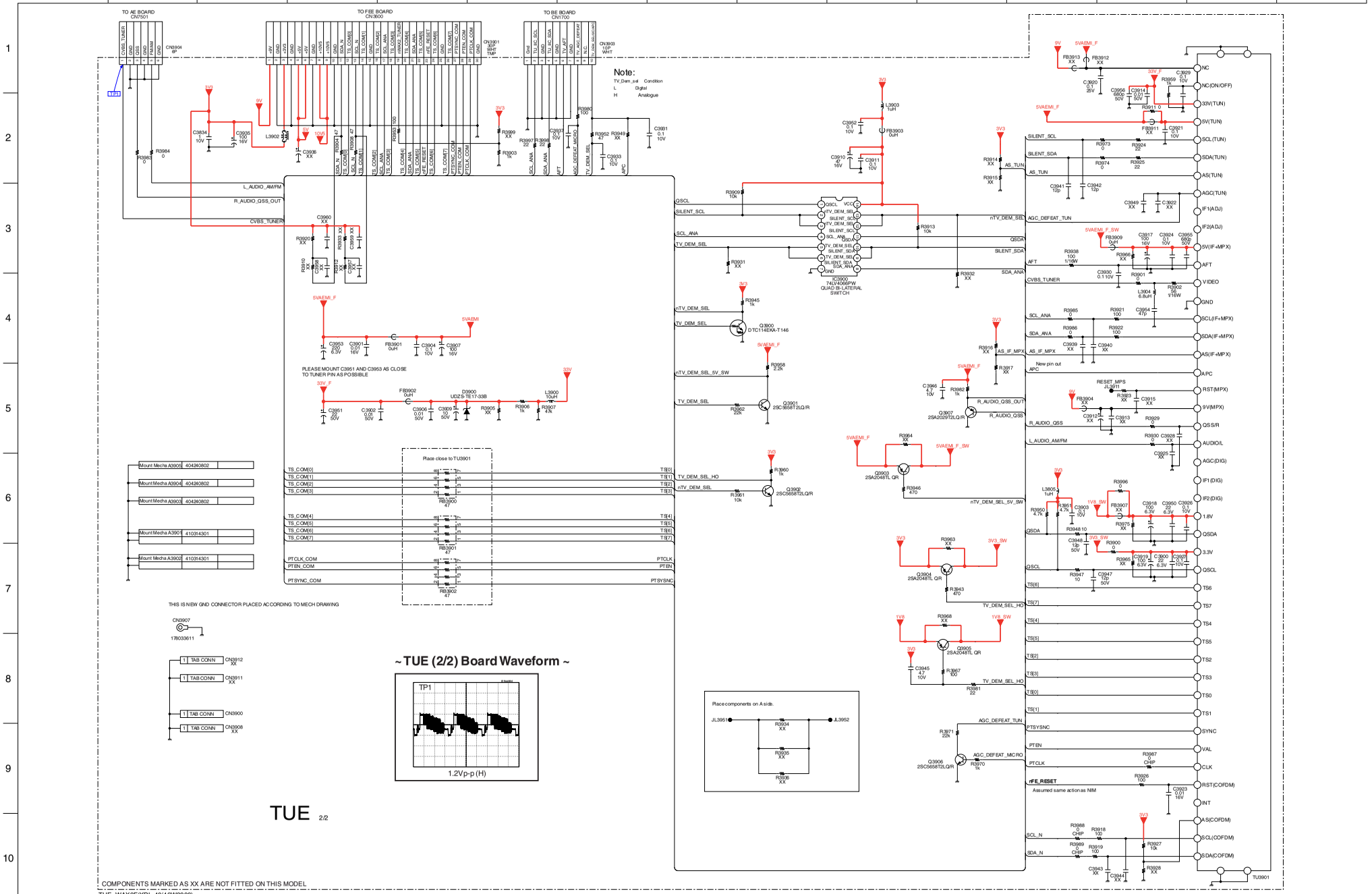


~ H46 Board Schematic Diagram [AV I/O] ~



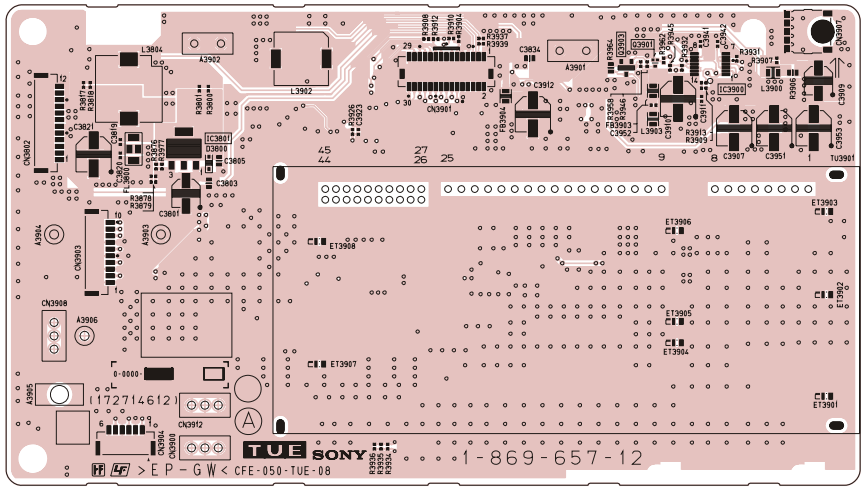


~ TUE Board Schematic Diagram [Hybrid Tuner] Page 1/2 ~



~ TUE Board Schematic Diagram [Hybrid Tuner] Page 2/2 ~

~ TUE Printed Wiring Board Conductor Side A ~



~ TUE Board Semiconductor Location Table Side A ~

IC		TRANSISTOR	
IC3900	G - 3	Q3901	G - 2
		Q3903	F - 2

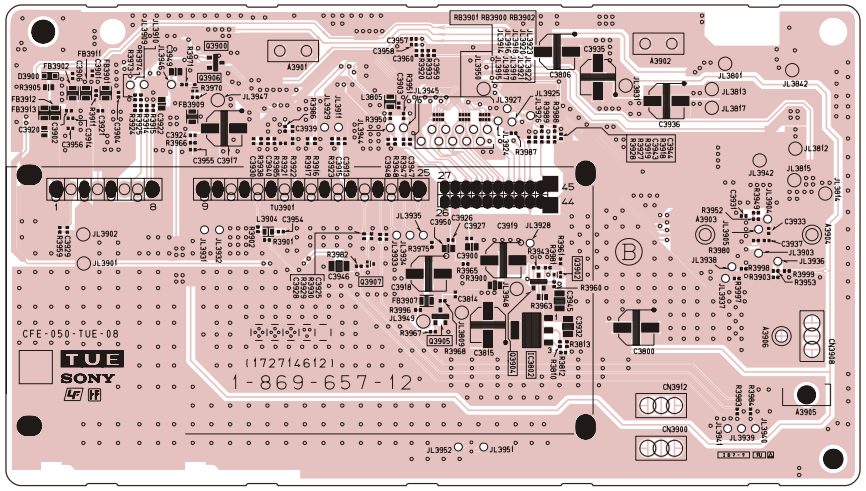
~ TUE Board Semiconductor Voltage Table Side A ~

Ref	(e)(s)	(b)(g)	(c)(d)
Q3900	0	3.2	0
Q3901	0	0.7	0
Q3903	4.9	4.2	4.9

~ TUE Board IC Voltage Table Side A ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC3900	1-4	3.3	IC3900	8-11	3.3
	5-6	3.2		12-13	0
	7	0		14	3.3

~ TUE Printed Wiring Board Conductor Side B ~

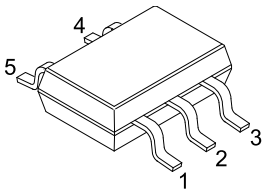


~ TUE Board Semiconductor Location Table Side B ~

DIODE		TRANSISTOR			
D3900	B - 8	Q3900	C - 8	Q3905	E - 10
IC		Q3902	F - 9	Q3906	C - 8
IC3802	F - 10	Q3904	F - 10	Q3907	D - 9

4-4. SEMICONDUCTORS

74LVC14APW
74LVC4066PW
74LVC541APW



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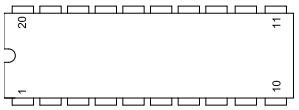

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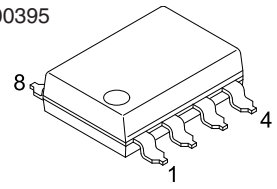

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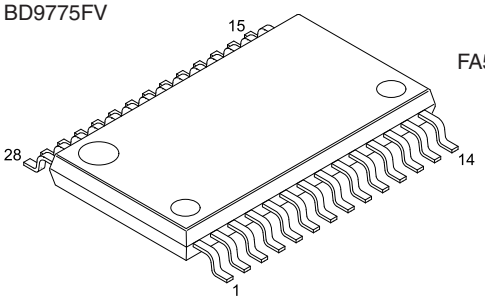

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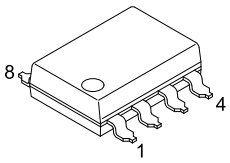

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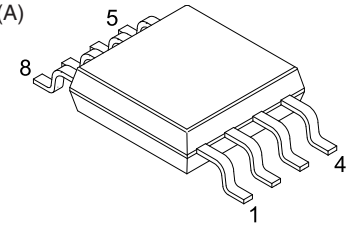

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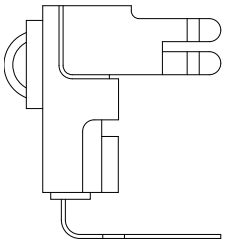

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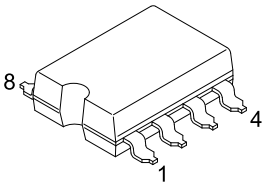

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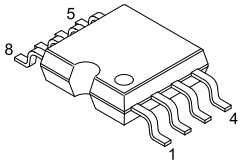

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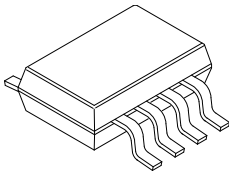

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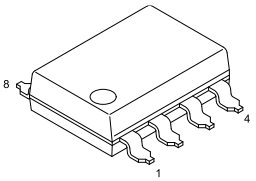

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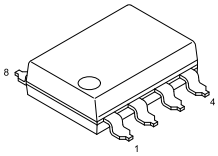

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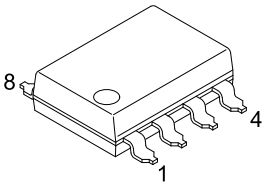

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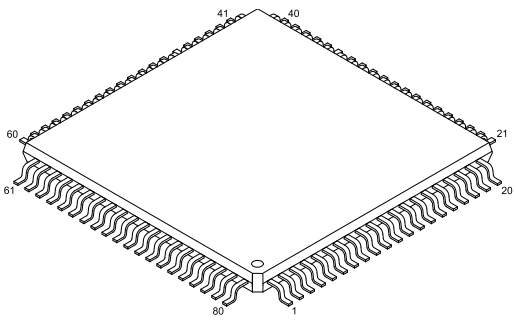

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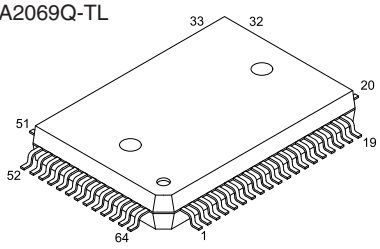

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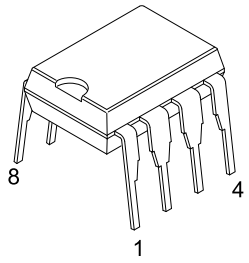

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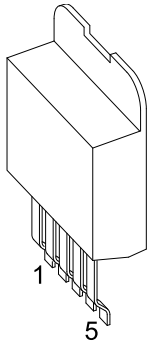

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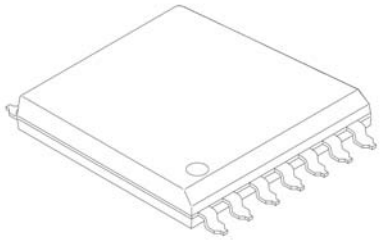

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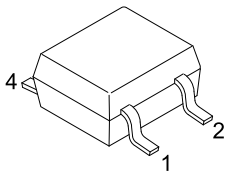

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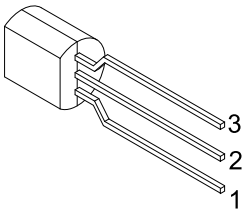

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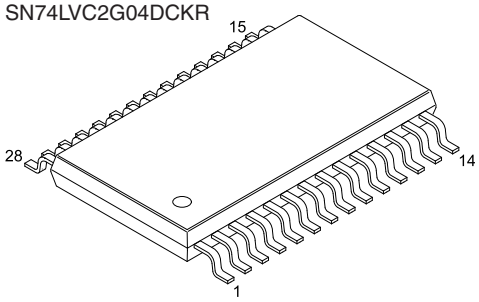

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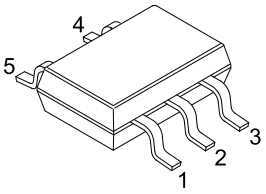

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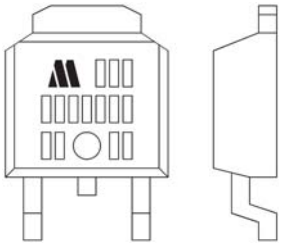

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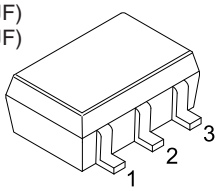
TC7SH86FU (T5RSOYJF)



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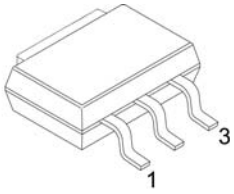

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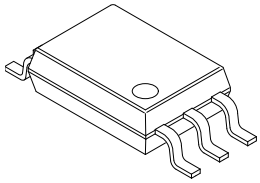

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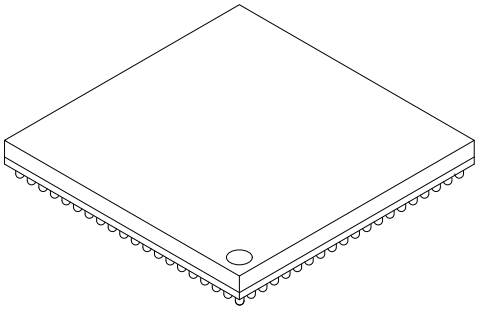

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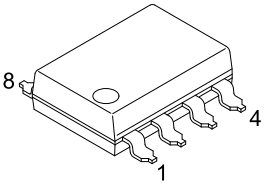

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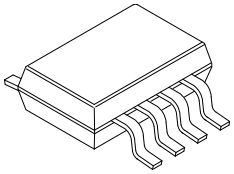


SECTION 5
EXPLODED VIEWS

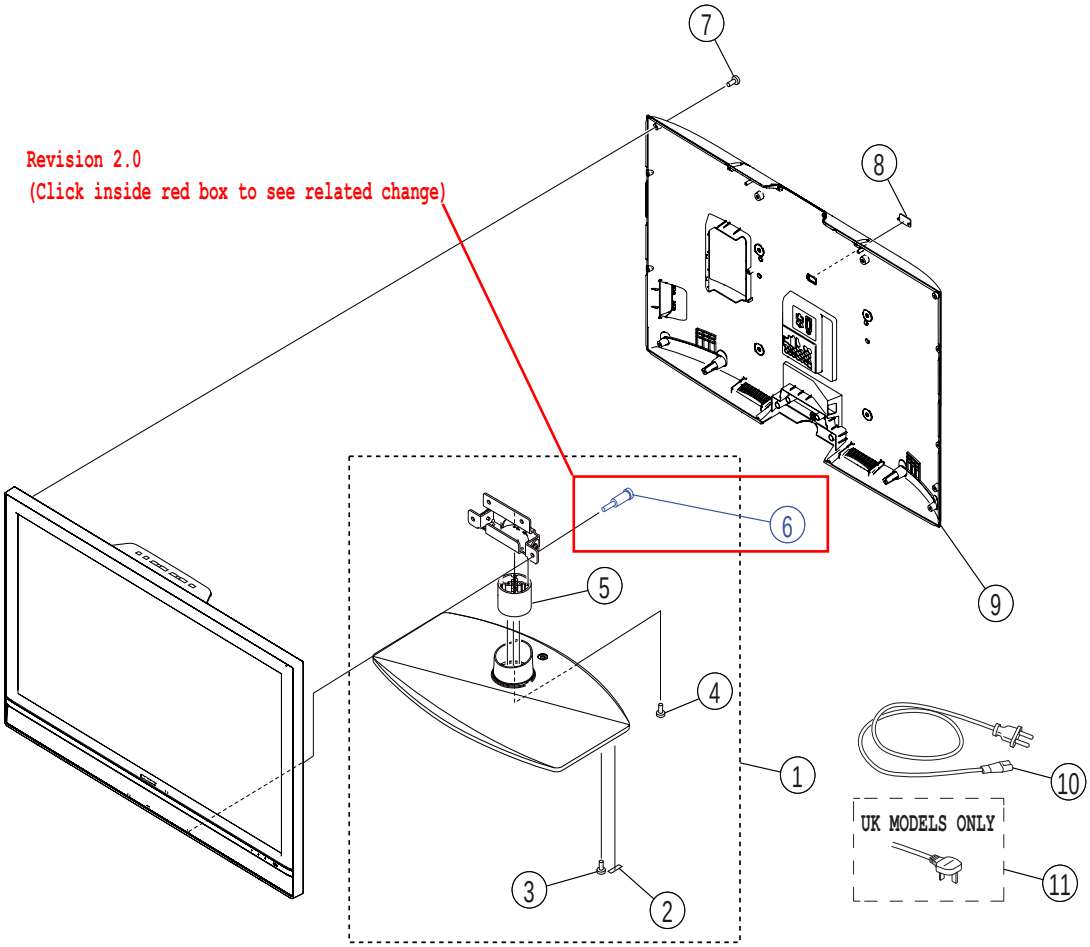
Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

5-1. REAR COVER AND STAND ASSEMBLY



REF.NO.		PART.NO	DESCRIPTION	REMARK
1		X-2149-932-1	STAND ASSY (ML) (KDL-40W2000)	2-5
		X-2149-690-1	STAND ASSY (L) (KDL-46W2000)	
2		2-675-191-02	FOOT	
3		2-580-647-01	SCREW, +KTP2 4X12	
4		2-689-628-01	SCREW, (B) 5X30	
5		*2-682-046-01	NECK (L)	
6		X-2149-374-1	JOINT, STAND ASSY	

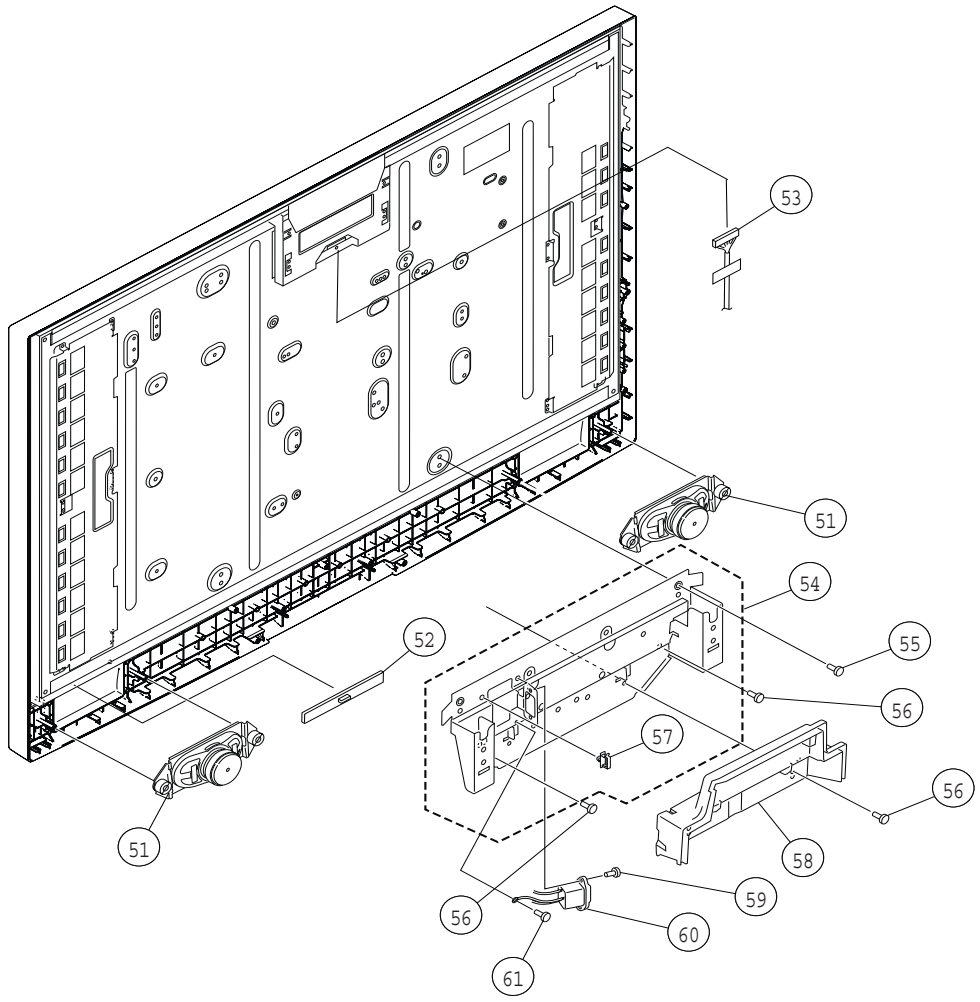
REF.NO.		PART.NO	DESCRIPTION	REMARK
7		2-580-640-01	SCREW, +BVTP2 4X16	
8		2-664-636-11	COVER, ECS	
9		X-2148-134-1	COVER, REAR ASSY (40) (KDL-40W2000)	
		X-2148-135-2	COVER, REAR ASSY (46) (KDL-46W2000)	
10	⚠	1-830-611-11	POWER-SUPPLY CORD (AEP)	
11	⚠	1-830-609-11	AC POWER-SUPPLY CORD SET (UK)	

Revision 2.0
(Click inside red box to see related change)

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

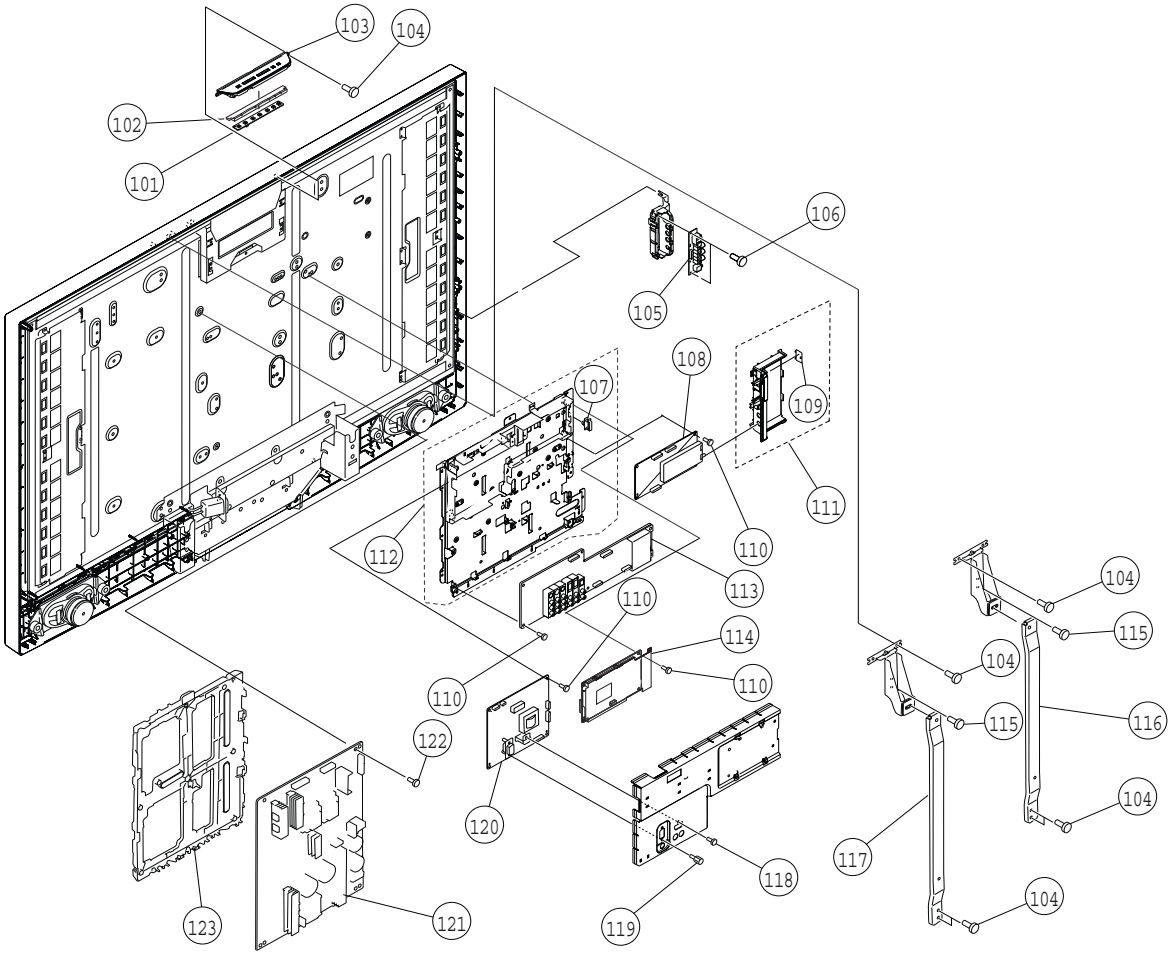
Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

5-2. SPEAKERS.



REF.NO.		PART.NO	DESCRIPTION	REMARK
51		1-826-532-11	LOUDSPEAKER (5.5X15CM) (KDL-40W2000)	
		1-826-435-11	LOUDSPEAKER (13X7CM) (KDL-46W2000)	
52		*A-1196-586-A	H3E BOARD COMPLETE	
53		1-833-275-12	LEAD WIRE WITH CONNECTOR(LVDS) (KDL-40W2000)	
		1-833-276-12	LEAD WIRE WITH CONNECTOR(LVDS) (KDL-46W2000)	
54		X-2109-168-4	FRAME, BOTTOM (L) ASSY	57
55		2-580-606-01	SCREW, +PSW M5X8	
56		2-580-640-01	SCREW, +BVTP2 4X16	
57		2-650-770-21	SLIDE, CLAMP	
58		2-687-624-11	COVER, UNDER	
59		2-596-649-01	+KTT 3X10 (S TYPE)	
60	⚠	1-819-729-14	INLET, AC (WITH NOISE FILTER)	
61		2-580-600-01	SCREW, +PSW M4X8	

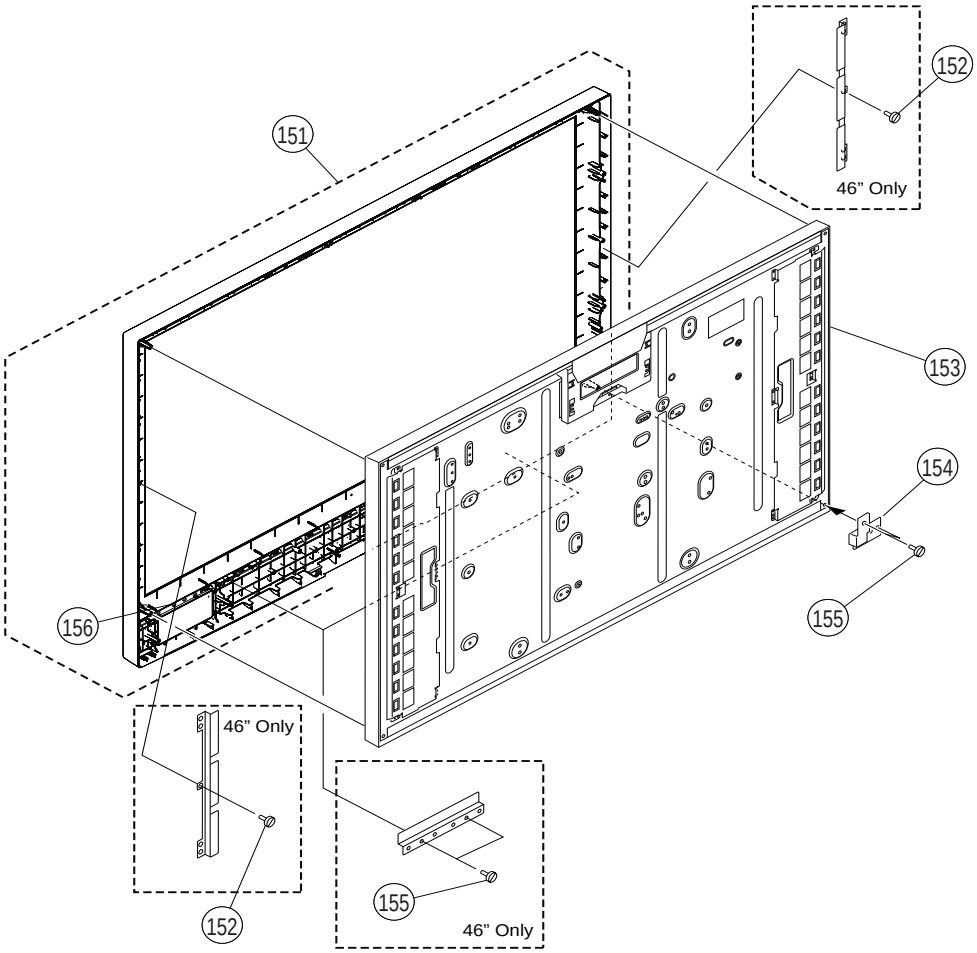
5-3. CHASSIS



REF.NO.	PART.NO	DESCRIPTION	REMARK
101	*A-1196-584-A	H1E BOARD COMPLETE	
102	2-663-977-01	BUTTON, MULTI	
103	2-663-978-22	COVER, BUTTON	
104	2-580-640-01	SCREW, +BVTP2 4X16	
105	*A-1196-585-A	H2E BOARD COMPLETE (KDL-40W2000)	
	*A-1192-085-B	H46 BOARD COMPLETE (KDL-46W2000)	
106	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
107	2-650-770-21	SLIDE, CLAMP	
108	*A-1173-184-C	TUE BOARD COMPLETE	
109	2-689-737-01	COVER, MS	
110	2-580-629-01	SCREW, +BVST 3X8	
111	X-2149-055-1	SIDE, TERMINAL (C) ASSY	109
112	X-2149-118-4	BRACKET, CHAS ASSY (B)	107

REF.NO.	PART.NO	DESCRIPTION	REMARK
113	*A-1184-346-A	AE BOARD COMPLETE	
114	*A-1173-179-K	FEE BOARD COMPLETE	
115	2-580-606-01	SCREW, +PSW M5X8	
116	X-2109-058-3	VESA BRACKET (40) L ASSY (KDL-40W2000)	
	X-2109-250-3	ARM, VESA (46) L ASSY (KDL-46W2000)	
117	X-2109-059-3	VESA BRACKET (40) R ASSY (KDL-40W2000)	
	X-2109-251-3	ARM, VESA (46) R ASSY (KDL-46W2000)	
118	2-580-590-01	SCREW, +PSW M3X5	
119	4-635-966-01	SCREW (HEX)	
120	*A-1196-582-D	BE BOARD COMPLETE	
121	*A-1184-357-B	G2A BOARD COMPLETE	
122	2-674-965-31	SCREW, +PSW 3SG	
123	2-664-617-11	BRACKET, G2	

5-4. LCD PANEL.



REF.NO.	PART.NO	DESCRIPTION	REMARK
151	X-2148-140-4	BEZEL ASSY (40) (KDL-40W2000)	156
	X-2148-141-4	BEZEL ASSY (46) (KDL-46W2000)	156
152	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
153	1-802-184-11	LCD PANEL (40INCH FHD TFT) (KDL-40W2000)	
	1-802-183-11	LCD PANEL (46INCH FHD TFT) (KDL-46W2000)	

REF.NO.	PART.NO	DESCRIPTION	REMARK
154	*2-682-132-01	BRACKET, PANEL CORNER (KDL-46W2000)	
155	2-580-640-01	SCREW, +BVTP2 4X16	
156	*2-664-630-01	GUIDE, LIGHT SENSOR	

SECTION 6
ELECTRICAL PARTS LIST

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Note : Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
Parts indicated (XX) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.

*A-1173-179-K FEE Board, Complete

< CAPACITOR >

REF.NO.	PART.NO	DESCRIPTION	REMARK
C3100	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C3101	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3102	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3103	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3104	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3105	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3106	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3107	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3108	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3109	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3110	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3111	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3112	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3113	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3114	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3116	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3120	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3121	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3122	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3123	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3124	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3125	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3126	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3130	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3131	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3132	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3133	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C3134	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3135	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3136	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C3137	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3138	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3139	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3140	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3141	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3142	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3143	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3144	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3145	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3200	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3201	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3202	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3203	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3205	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3206	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3207	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3208	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3209	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3210	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3211	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3212	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3214	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3215	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3216	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3217	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3218	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3219	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3220	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3300	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3301	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3302	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3303	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3306	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3307	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3308	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3309	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3310	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3312	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3315	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3316	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3320	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3322	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3323	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3324	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3326	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3328	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3402	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3403	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3404	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3405	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3409	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C3410	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3411	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3412	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3413	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3415	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3417	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3428	1-112-066-11	CERAMIC CHIP 10UF	10% 10V
C3432	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3436	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3439	1-165-681-21	ELECT CHIP 180UF	20% 16V
C3442	1-164-882-11	CERAMIC CHIP 220PF	5.00% 16V
C3443	1-107-819-11	CERAMIC CHIP 0.022UF	10.00% 16V
C3444	1-135-960-91	CERAMIC CHIP 10UF	10% 25V
C3445	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C3446	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C3502	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3503	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3505	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3506	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C3605	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3606	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3607	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3609	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3610	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3611	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
		< CONNECTOR >	
CN3300	*1-793-769-21	CONNECTOR, CARD (PCMCIA CARD)	
CN3400	1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
CN3401	*1-819-475-11	HEADER ASSEMBLY FOR PWB 7P	
CN3600	*1-820-235-21	HEADER ASSEMBLY 30P	
CN3601	1-820-209-11	MEMORY STICK CONNECTOR	
CN3610	1-780-336-11	EARTH TERMINAL	
CN3611	1-780-336-11	EARTH TERMINAL	
		< DIODE >	
D3400	6-501-060-01	DIODE STPS2L25U	
D3401	6-500-294-01	DIODE PTZ-TE25-3.9B	
D3503	8-719-066-11	DIODE 1PS184-115	
		< FERRITE BEAD >	
FB3103	1-400-834-11	FERRITE 0UH	
FB3104	1-400-834-11	FERRITE 0UH	
FB3105	1-400-834-11	FERRITE 0UH	
FB3106	1-400-834-11	FERRITE 0UH	
FB3107	1-400-834-11	FERRITE 0UH	
FB3108	1-400-834-11	FERRITE 0UH	
FB3109	1-400-834-11	FERRITE 0UH	
FB3110	1-400-834-11	FERRITE 0UH	
FB3111	1-400-834-11	FERRITE 0UH	
FB3113	1-400-834-11	FERRITE 0UH	
FB3114	1-469-869-21	FERRITE 0UH	
FB3115	1-400-244-11	FERRITE 0UH	
FB3116	1-400-244-11	FERRITE 0UH	
FB3117	1-469-869-21	FERRITE 0UH	
FB3118	1-469-869-21	FERRITE 0UH	
FB3119	1-400-807-21	FERRITE 0UH	
FB3120	1-400-807-21	FERRITE 0UH	
FB3121	1-400-807-21	FERRITE 0UH	
FB3122	1-400-807-21	FERRITE 0UH	
FB3123	1-400-807-21	FERRITE 0UH	
FB3125	1-469-869-21	FERRITE 0UH	
FB3126	1-400-244-11	FERRITE 0UH	
FB3127	1-400-244-11	FERRITE 0UH	
FB3200	1-400-244-11	FERRITE 0UH	
FB3201	1-400-244-11	FERRITE 0UH	
FB3300	1-469-869-21	FERRITE 0UH	
FB3301	1-469-869-21	FERRITE 0UH	
FB3402	1-400-244-11	FERRITE 0UH	
FB3403	1-400-834-11	FERRITE 0UH	
FB3407	1-469-869-21	FERRITE 0UH	
FB3408	1-400-461-21	FERRITE 0UH	
FB3409	1-400-461-21	FERRITE 0UH	
FB3410	1-400-461-21	FERRITE 0UH	
FB3411	1-400-461-21	FERRITE 0UH	
FB3412	1-400-834-11	FERRITE 0UH	
FB3413	1-400-834-11	FERRITE 0UH	
FB3414	1-400-834-11	FERRITE 0UH	
FB3415	1-400-834-11	FERRITE 0UH	
FB3416	1-400-834-11	FERRITE 0UH	
FB3417	1-400-834-11	FERRITE 0UH	
FB3418	1-400-834-11	FERRITE 0UH	
FB3419	1-400-834-11	FERRITE 0UH	
FB3601	1-469-869-21	FERRITE 0UH	
FB3602	1-469-869-21	FERRITE 0UH	
FB3603	1-469-869-21	FERRITE 0UH	
FB3604	1-400-834-11	FERRITE 0UH	
FB3605	1-400-834-11	FERRITE 0UH	
FB3606	1-400-834-11	FERRITE 0UH	
FB3607	1-400-834-11	FERRITE 0UH	
FB3608	1-400-834-11	FERRITE 0UH	
FB3609	1-400-834-11	FERRITE 0UH	
FB3610	1-400-834-11	FERRITE 0UH	
FB3611	1-400-834-11	FERRITE 0UH	
FB3612	1-400-834-11	FERRITE 0UH	
FB3613	1-400-834-11	FERRITE 0UH	
FB3614	1-400-834-11	FERRITE 0UH	
FB3615	1-400-834-11	FERRITE 0UH	
FB3616	1-400-834-11	FERRITE 0UH	
FB3617	1-400-834-11	FERRITE 0UH	
FB3618	1-400-834-11	FERRITE 0UH	
FB3619	1-400-834-11	FERRITE 0UH	
FB3620	1-400-834-11	FERRITE 0UH	
		< IC >	
IC3100	6-709-214-01	IC UPD61123F1-100-KA3-A	
IC3200	6-707-809-01	IC EDD1216AATA-6B-E	
IC3201	6-708-916-01	IC ICS7150MLFT	
IC3206	6-705-336-01	IC K9F2808U0C-PCB0T	
IC3301	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC3301	8-759-644-48	IC 74LVC541APW	
IC3302	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC3302	8-759-644-48	IC 74LVC541APW	
IC3304	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC3304	8-759-644-48	IC 74LVC541APW	

REF.NO.	PART.NO	DESCRIPTION	REMARK
IC3305	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC3305	8-759-644-48	IC 74LVC541APW	
IC3306	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC3306	8-759-644-48	IC 74LVC541APW	
IC3308	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC3308	8-759-644-48	IC 74LVC541APW	
IC3311	6-707-850-01	IC TC74LCX245FT(EKJ)	
IC3311	8-759-298-91	IC 74LVT245PW-T	
IC3312	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC3316	6-708-132-01	IC 74LVC14APW	
IC3317	6-706-482-01	IC TC7SH00FU(T5RSOYJF)	
IC3402	6-705-790-01	IC LM3525MX-H/J5000395	
IC3404	6-706-106-01	IC NCP1117STAT3	
IC3405	6-708-603-01	IC PQ070XNA1ZPH	
IC3406	6-707-078-01	IC L5973ADTR	
IC3501	6-703-175-01	IC PST3629UL	
		< COIL >	
L3100	1-414-398-11	INDUCTOR 10UH	
L3400	1-419-353-21	INDUCTOR 10UH	
L3401	*1-424-924-21	COIL, POWER	
		< TRANSISTOR >	
Q3409	8-729-010-05	TRANSISTOR MSB709-RT1	
Q3501	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3502	8-729-027-43	TRANSISTOR DTC114EKA-T146	
		< RESISTOR >	
R3100	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3101	1-218-941-81	RES-CHIP 100 5%	1/16W
R3102	1-218-941-81	RES-CHIP 100 5%	1/16W
R3103	1-218-941-81	RES-CHIP 100 5%	1/16W
R3104	1-218-941-81	RES-CHIP 100 5%	1/16W
R3105	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
R3106	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
R3109	1-218-941-81	RES-CHIP 100 5%	1/16W
R3110	1-218-941-81	RES-CHIP 100 5%	1/16W
R3111	1-218-941-81	RES-CHIP 100 5%	1/16W
R3112	1-218-941-81	RES-CHIP 100 5%	1/16W
R3113	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3114	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3115	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3117	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3119	1-218-990-81	SHORT CHIP 0	
R3120	1-218-990-81	SHORT CHIP 0	
R3125	1-218-937-11	RES-CHIP 47 5%	1/16W
R3126	1-218-990-81	SHORT CHIP 0	
R3127	1-220-174-11	RES-CHIP 200 5%	1/16W
R3128	1-220-174-11	RES-CHIP 200 5%	1/16W
R3129	1-220-174-11	RES-CHIP 200 5%	1/16W
R3130	1-220-174-11	RES-CHIP 200 5%	1/16W
R3131	1-220-174-11	RES-CHIP 200 5%	1/16W
R3132	1-220-174-11	RES-CHIP 200 5%	1/16W
R3133	1-208-671-11	METAL CHIP 330 0.5%	1/16W
R3134	1-208-679-11	METAL CHIP 680 0.5%	1/16W
R3136	1-208-675-11	METAL CHIP 470 0.5%	1/16W
R3138	1-218-990-81	SHORT CHIP 0	
R3142	1-218-937-11	RES-CHIP 47 5%	1/16W
R3143	1-218-937-11	RES-CHIP 47 5%	1/16W
R3144	1-218-937-11	RES-CHIP 47 5%	1/16W
R3146	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3147	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3148	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3149	1-218-990-81	SHORT CHIP 0	
R3150	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3151	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3200	1-218-941-11	RES-CHIP 100 5%	1/16W
R3201	1-218-941-11	RES-CHIP 100 5%	1/16W
R3202	1-218-939-11	RES-CHIP 68 5%	1/16W
R3203	1-218-941-81	RES-CHIP 100 5%	1/16W
R3204	1-218-941-81	RES-CHIP 100 5%	1/16W
R3205	1-218-937-11	RES-CHIP 47 5%	1/16W
R3207	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3209	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3210	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3212	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3214	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3217	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3218	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3220	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3222	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3224	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3226	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3229	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3230	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3233	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3235	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3237	1-218-961-11	RES-CHIP 4.7K 5%	1/16W
R3238	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3239	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3240	1-218-939-11	RES-CHIP 68 5%	1/16W
R3241	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3242	1-218-941-81	RES-CHIP 100 5%	1/16W
R3244	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3247	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3249	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3250	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3251	1-218-949-11	RES-CHIP 470 5%	1/16W
R3254	1-218-953-11	RES-CHIP 1K 5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R3255	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3258	1-218-941-81	RES-CHIP	100	5%	1/16W
R3259	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3263	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3264	1-218-949-11	RES-CHIP	470	5%	1/16W
R3265	1-218-949-11	RES-CHIP	470	5%	1/16W
R3300	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3301	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3302	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3303	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3308	1-218-941-81	RES-CHIP	100	5%	1/16W
R3310	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3311	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3312	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3313	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3314	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3317	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3321	1-218-941-81	RES-CHIP	100	5%	1/16W
R3324	1-218-941-81	RES-CHIP	100	5%	1/16W
R3329	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3330	1-218-939-11	RES-CHIP	68	5%	1/16W
R3331	1-218-939-11	RES-CHIP	68	5%	1/16W
R3332	1-218-939-11	RES-CHIP	68	5%	1/16W
R3333	1-218-939-11	RES-CHIP	68	5%	1/16W
R3334	1-218-939-11	RES-CHIP	68	5%	1/16W
R3335	1-218-939-11	RES-CHIP	68	5%	1/16W
R3400	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3401	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3406	1-218-935-11	RES-CHIP	33	5%	1/16W
R3407	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3418	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3419	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3425	1-220-174-11	RES-CHIP	200	5%	1/16W
R3426	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3430	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3432	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3433	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R3434	1-208-702-11	METAL CHIP	6.2K	0.5%	1/16W
R3435	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R3436	1-218-937-11	RES-CHIP	47	5%	1/16W
R3437	1-218-990-81	SHORT CHIP	0		
R3473	1-218-945-11	RES-CHIP	220	5%	1/16W
R3504	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3508	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3511	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3513	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3514	1-218-941-81	RES-CHIP	100	5%	1/16W
R3515	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3518	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3519	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3520	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3522	1-218-941-81	RES-CHIP	100	5%	1/16W
R3554	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3600	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3601	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3602	1-218-941-81	RES-CHIP	100	5%	1/16W
R3603	1-218-941-81	RES-CHIP	100	5%	1/16W
R3604	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3609	1-218-941-81	RES-CHIP	100	5%	1/16W
R3610	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3611	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3612	1-218-990-81	SHORT CHIP	0		
R3613	1-218-990-81	SHORT CHIP	0		
R3616	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3617	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3623	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3628	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3646	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3647	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3648	1-218-941-81	RES-CHIP	100	5%	1/16W
R3649	1-218-941-81	RES-CHIP	100	5%	1/16W
R3650	1-218-941-81	RES-CHIP	100	5%	1/16W
R3651	1-218-941-81	RES-CHIP	100	5%	1/16W
R3652	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3653	1-218-943-11	RES-CHIP	150	5%	1/16W
R3654	1-218-943-11	RES-CHIP	150	5%	1/16W
R3655	1-218-943-11	RES-CHIP	150	5%	1/16W

< RESISTOR CHIP >

RB3200	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3201	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3202	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3203	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3204	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3206	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3207	1-234-372-11	RES, NETWORK 100	(1005X4)
RB3208	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3209	1-234-702-11	RES, NETWORK 68	(1005X4)

< CRYSTAL >

X3200	1-813-055-11	QUARTZ CRYSTAL UNIT

***A-1173-184-C TUE Board, Complete**

< CAPACITOR >

C3803	1-100-566-91	CERAMIC CHIP 0.1UF	10.00%	25V
C3814	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V
C3815	1-117-681-11	ELECT CHIP 100UF	20.00%	16V
C3819	1-100-907-11	CERAMIC CHIP 0.1UF	10%	10V
C3821	1-117-681-11	ELECT CHIP 100UF	20.00%	16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C3834	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3900	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3901	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3902	1-164-947-11	CERAMIC CHIP 0.01UF	50V
C3903	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3904	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3906	1-164-947-11	CERAMIC CHIP 0.01UF	50V
C3907	1-135-366-11	ELECT CHIP 100UF	20% 16V
C3909	1-128-991-21	ELECT CHIP 10UF	20% 50V
C3910	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C3911	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3914	1-164-947-11	CERAMIC CHIP 0.01UF	50V
C3917	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3918	1-135-595-11	ELECT 100UF	20% 6.3V
C3919	1-135-595-11	ELECT 100UF	20% 6.3V
C3920	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C3921	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3923	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3924	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3926	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3927	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3929	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3930	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3931	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3932	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C3933	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3935	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C3937	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3941	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C3942	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C3945	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C3946	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C3947	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C3948	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C3950	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3951	1-128-405-11	ELECT CHIP 22UF	20% 50V
C3952	1-100-907-11	CERAMIC CHIP 0.1UF	10% 10V
C3953	1-100-053-21	ELECT CHIP 220UF	20% 6.3V
C3954	1-164-866-11	CERAMIC CHIP 47PF	5.00% 50V
C3955	1-164-936-11	CERAMIC CHIP 680PF	10.00% 50V
C3956	1-164-936-11	CERAMIC CHIP 680PF	10.00% 50V
		< CONNECTOR >	
CN3802	1-819-339-11	HEADER ASSEMBLY FOR PWB 12P	
CN3900	1-695-915-11	TAB (CONTACT)	
CN3901	*1-820-235-21	HEADER ASSEMBLY 30P	
CN3903	1-819-337-11	HEADER ASSEMBLY FOR PWB 10P	
CN3904	*1-819-474-11	HEADER ASSEMBLY FOR PWB 6P	
CN3907	1-780-336-11	EARTH TERMINAL	

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< DIODE >	
D3900	8-719-083-87	DIODE UDZS-TE17-33B	
		< FERRITE BEAD >	
FB3901	1-469-869-21	FERRITE 0UH	
FB3902	1-469-869-21	FERRITE 0UH	
FB3903	1-469-869-21	FERRITE 0UH	
FB3909	1-469-869-21	FERRITE 0UH	
		< FILTER >	
FL3800	1-239-899-21	FERRITE 0UH	
		< IC >	
IC3802	6-706-106-01	IC NCP1117STAT3	
IC3900	6-709-257-01	IC 74LVC4066PW	
		< COIL >	
L3804	1-400-175-21	INDUCTOR 47UH	
L3805	1-410-993-42	INDUCTOR 1UH	
L3900	1-412-006-31	INDUCTOR 10UH	
L3902	1-424-924-21	COIL, POWER	
L3903	1-410-993-42	INDUCTOR 1UH	
L3904	1-412-989-11	INDUCTOR 6.8UH	
		< TRANSISTOR >	
Q3900	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3901	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3902	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3903	6-550-871-01	TRANSISTOR 2SA2048TL QR	
Q3904	6-550-871-01	TRANSISTOR 2SA2048TL QR	
Q3905	6-550-871-01	TRANSISTOR 2SA2048TL QR	
Q3906	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3907	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
		< RESISTOR >	
R3810	1-208-683-11	METAL CHIP 1K 0.5% 1/16W	
R3812	1-218-948-11	RES-CHIP 390 5% 1/16W	
R3813	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3900	1-216-295-91	SHORT CHIP 0	
R3901	1-218-990-81	SHORT CHIP 0	
R3902	1-218-938-11	RES-CHIP 56 5% 1/16W	
R3903	1-218-953-11	RES-CHIP 1K 5% 1/16W	
R3904	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3906	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R3907	1-218-973-11	RES-CHIP 47K 5% 1/16W	
R3908	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3909	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R3911	1-218-990-81	SHORT CHIP 0	

REF.NO.	PART.NO	DESCRIPTION			REMARK
R3913	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3918	1-218-941-81	RES-CHIP	100	5%	1/16W
R3919	1-218-941-81	RES-CHIP	100	5%	1/16W
R3921	1-218-941-81	RES-CHIP	100	5%	1/16W
R3922	1-218-941-81	RES-CHIP	100	5%	1/16W
R3924	1-218-933-11	RES-CHIP	22	5%	1/16W
R3925	1-218-933-11	RES-CHIP	22	5%	1/16W
R3926	1-218-941-81	RES-CHIP	100	5%	1/16W
R3927	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3929	1-218-990-81	SHORT CHIP	0		
R3930	1-218-990-81	SHORT CHIP	0		
R3938	1-218-941-81	RES-CHIP	100	5%	1/16W
R3943	1-218-949-11	RES-CHIP	470	5%	1/16W
R3945	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3946	1-218-949-11	RES-CHIP	470	5%	1/16W
R3947	1-218-929-11	RES-CHIP	10	5%	1/16W
R3948	1-218-929-11	RES-CHIP	10	5%	1/16W
R3950	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3951	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3952	1-218-937-11	RES-CHIP	47	5%	1/16W
R3953	1-218-941-81	RES-CHIP	100	5%	1/16W
R3958	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3959	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3960	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3961	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3962	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3967	1-218-941-81	RES-CHIP	100	5%	1/16W
R3970	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3971	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3973	1-218-990-81	SHORT CHIP	0		
R3974	1-218-990-81	SHORT CHIP	0		
R3980	1-218-941-81	RES-CHIP	100	5%	1/16W
R3981	1-218-933-11	RES-CHIP	22	5%	1/16W
R3982	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3983	1-218-990-81	SHORT CHIP	0		
R3984	1-218-990-81	SHORT CHIP	0		
R3985	1-218-990-81	SHORT CHIP	0		
R3986	1-218-990-81	SHORT CHIP	0		
R3987	1-218-990-81	SHORT CHIP	0		
R3988	1-218-990-81	SHORT CHIP	0		
R3989	1-218-990-81	SHORT CHIP	0		
R3996	1-218-990-81	SHORT CHIP	0		
R3997	1-218-933-11	RES-CHIP	22	5%	1/16W
R3998	1-218-933-11	RES-CHIP	22	5%	1/16W
		< RESISTOR CHIP >			
RB3900	1-234-371-21	RES, NETWORK 47			(1005X4)
RB3901	1-234-371-21	RES, NETWORK 47			(1005X4)
RB3902	1-234-371-21	RES, NETWORK 47			(1005X4)

REF.NO.	PART.NO	DESCRIPTION			REMARK
		< TUNER >			
TU3901	8-597-598-00	TUNER UNIT, DIGITAL BTD-HF441Z			

***A-1192-085-B H46 Board, Complete (KDL-46W2000)**

		< CAPACITOR >			
C201	1-162-964-11	CERAMIC CHIP 0.001UF		10.00%	50V
C202	1-162-964-11	CERAMIC CHIP 0.001UF		10.00%	50V
C203	1-127-573-11	CERAMIC CHIP 1UF		10%	16V
C204	1-127-573-11	CERAMIC CHIP 1UF		10%	16V
C205	1-125-891-11	CERAMIC CHIP 0.47UF		10.00%	10V
C206	1-125-889-91	CERAMIC CHIP 2.2UF		10%	10V
C207	1-125-889-91	CERAMIC CHIP 2.2UF		10%	10V
C208	1-125-889-91	CERAMIC CHIP 2.2UF		10%	10V
C209	1-162-927-11	CERAMIC CHIP 100PF		5.00%	50V
C210	1-164-227-11	CERAMIC CHIP 0.022UF		10.00%	25V
C211	1-162-927-11	CERAMIC CHIP 100PF		5.00%	50V
C212	1-164-227-11	CERAMIC CHIP 0.022UF		10.00%	25V
C215	1-115-416-11	CERAMIC CHIP 0.001UF		5.00%	25V
		< CONNECTOR >			
CN201	1-820-192-11	HEADER ASSEMBLY (PRINT PWB)15P			
		< DIODE >			
D201	8-719-070-63	DIODE PDZ10B-115			
D202	8-719-070-63	DIODE PDZ10B-115			
D203	8-719-070-63	DIODE PDZ10B-115			
D204	8-719-070-63	DIODE PDZ10B-115			
D205	8-719-070-63	DIODE PDZ10B-115			
D206	8-719-070-63	DIODE PDZ10B-115			
		< SOCKET >			
J201	1-780-368-11	S TERMINAL BLOCK (RIGHT ANGLE)			
J202	1-815-325-11	JACK			
		< RESISTOR >			
R201	1-216-864-11	SHORT CHIP	0		
R202	1-216-864-11	SHORT CHIP	0		
R205	1-216-821-11	METAL CHIP	1K	5%	1/10W
R206	1-216-821-11	METAL CHIP	1K	5%	1/10W
R207	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R208	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R209	1-218-285-11	METAL CHIP	75	5%	1/10W
R210	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R211	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R212	1-216-797-11	METAL CHIP	10	5%	1/10W
R213	1-216-821-11	METAL CHIP	1K	5%	1/10W
R214	1-216-821-11	METAL CHIP	1K	5%	1/10W

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.		PART.NO	DESCRIPTION			REMARK
R215		1-216-809-11	METAL CHIP	100	5%	1/10W
R216		1-216-809-11	METAL CHIP	100	5%	1/10W
R217		1-216-821-11	METAL CHIP	1K	5%	1/10W
R218		1-216-821-11	METAL CHIP	1K	5%	1/10W
R219		1-216-809-11	METAL CHIP	100	5%	1/10W
R220		1-216-797-11	METAL CHIP	10	5%	1/10W
R222		1-216-853-11	METAL CHIP	470K	5%	1/10W
R223		1-216-853-11	METAL CHIP	470K	5%	1/10W
R224		1-218-831-11	METAL CHIP	220	0.5%	1/10W
R225		1-218-831-11	METAL CHIP	220	0.5%	1/10W
R226		1-216-864-11	SHORT CHIP	0		
			< VARISTOR >			
VD201		1-802-082-11	VARISTOR (SMD)			
VD202		1-802-082-11	VARISTOR (SMD)			
VD203		1-802-082-11	VARISTOR (SMD)			

*A-1184-357-B G2A Board, Complete

		4-382-854-11	SCREW (M3X10), P, SW (+)			
			< CAPACITOR >			
C6000	⚠	1-161-964-91	CERAMIC	0.0047UF		250V
C6001	⚠	1-119-892-51	CERAMIC	470PF	10.00%	250V
C6002	⚠	1-165-531-11	MYLAR	1UF	10	275V
C6003	⚠	1-161-964-91	CERAMIC	0.0047UF		250V
C6004	⚠	1-165-529-11	MYLAR	0.22UF	10	275V
C6005	⚠	1-119-892-51	CERAMIC	470PF	10.00%	250V
C6006		1-135-361-11	ELECT(BLOCK)	180UF	20%	450V
C6008		1-135-361-11	ELECT(BLOCK)	180UF	20%	450V
C6010	⚠	1-113-889-11	CERAMIC	0.001UF	20.00%	250V
C6012	⚠	1-113-889-11	CERAMIC	0.001UF	20.00%	250V
C6015	⚠	1-113-889-11	CERAMIC	0.001UF	20.00%	250V
C6016	⚠	1-113-889-11	CERAMIC	0.001UF	20.00%	250V
C6051		1-162-970-11	CERAMIC CHIP	0.01UF	10.00%	25V
C6100		1-162-970-11	CERAMIC CHIP	0.01UF	10.00%	25V
C6101		1-107-905-11	ELECT	4.7UF	20%	50V
C6102		1-107-910-11	ELECT	100UF	20%	50V
C6103		1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C6104		1-100-831-91	CERAMIC CHIP	0.001UF	2%	50V
C6105		1-107-906-11	ELECT	10UF	20%	50V
C6108		1-115-340-11	CERAMIC CHIP	0.22UF	10.00%	25V
C6109		1-107-888-11	ELECT	47UF	20%	25V
C6111		1-162-134-11	CERAMIC	470PF	10.00%	2KV
C6112		1-100-310-11	FILM	18000PF	3%	800V
C6116		1-163-021-91	CERAMIC CHIP	0.01UF	10.00%	50V
C6200		1-164-227-11	CERAMIC CHIP	0.022UF	10.00%	25V
C6202		1-112-242-21	ELECT	1500UF	20%	25V
C6203		1-107-907-11	ELECT	22UF	20%	50V
C6204		1-112-242-21	ELECT	1500UF	20%	25V
C6205		1-112-242-21	ELECT	1500UF	20%	25V
C6207		1-112-242-21	ELECT	1500UF	20%	25V
C6216		1-107-928-11	ELECT	4.7UF	20%	100V
C6217		1-112-229-21	ELECT	1500UF	20%	16V
C6305		1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C6306		1-162-927-11	CERAMIC CHIP	100PF	5.00%	50V
C6307		1-107-903-11	ELECT	2.2UF	20%	50V
C6308		1-107-904-11	ELECT	3.3UF	20%	50V
C6309		1-107-910-11	ELECT	100UF	20%	50V
C6310		1-100-139-31	FILM	0.001UF	5%	630V
C6314		1-162-964-11	CERAMIC CHIP	0.001UF	10.00%	50V
C6315		1-165-729-31	ELECT	470UF	20%	16V
C6316		1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C6401		1-107-882-91	ELECT	100UF	20%	16V
C6402		1-127-573-11	CERAMIC CHIP	1UF	10%	16V
C6404		1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C6405		1-115-339-11	CERAMIC CHIP	0.1UF	10.00%	50V
C6406		1-162-964-11	CERAMIC CHIP	0.001UF	10.00%	50V
C6407		1-162-970-11	CERAMIC CHIP	0.01UF	10.00%	25V
C6408		1-125-891-11	CERAMIC CHIP	0.47UF	10.00%	10V
C6409		1-162-964-11	CERAMIC CHIP	0.001UF	10.00%	50V
C6412		1-125-891-11	CERAMIC CHIP	0.47UF	10.00%	10V
C6413		1-162-964-11	CERAMIC CHIP	0.001UF	10.00%	50V
C6451		1-107-826-11	CERAMIC CHIP	0.1UF	10.00%	16V
C6454		1-125-889-91	CERAMIC CHIP	2.2UF	10%	10V
C6504		1-162-134-11	CERAMIC	470PF	10.00%	2KV
C6505		1-162-134-11	CERAMIC	470PF	10.00%	2KV
C6507		1-107-888-11	ELECT	47UF	20%	25V
C6517		1-117-227-11	MYLAR	1UF	10.00%	450V
C6518		1-112-744-52	MYLAR	1UF	10%	450V
C6519		1-162-969-11	CERAMIC CHIP	0.0068UF	10.00%	25V
C6520		1-117-227-11	MYLAR	1UF	10.00%	450V
C6521		1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V
C6522		1-162-964-11	CERAMIC CHIP	0.001UF	10.00%	50V
C6523		1-162-970-11	CERAMIC CHIP	0.01UF	10.00%	25V
C6525		1-115-339-11	CERAMIC CHIP	0.1UF	10.00%	50V
C6526		1-107-906-11	ELECT	10UF	20%	50V
			< CONNECTOR >			
CN6000		1-695-915-11	TAB (CONTACT)			
CN6001	⚠	*1-793-660-11	PIN, CONNECTOR (PC BOARD) 3P			
CN6011		1-537-770-21	TERMINAL BOARD, GROUND			
CN6200		*1-793-236-11	PIN, CONNECTOR (PC BOARD) 14P			
CN6202		*1-785-708-11	PIN, CONNECTOR (PC BOARD) 12P			
CN6204		*1-785-706-11	PIN, CONNECTOR (PC BOARD) 10P			
CN6206		1-695-915-11	TAB (CONTACT)			
CN6207		1-695-915-11	TAB (CONTACT)			
CN6211		1-537-770-21	TERMINAL BOARD, GROUND			
CN6214		1-537-770-21	TERMINAL BOARD, GROUND			

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.		PART.NO	DESCRIPTION	REMARK
CN6216		1-537-770-21	TERMINAL BOARD, GROUND	
CN6217		*1-785-701-11	PIN, CONNECTOR (PC BOARD) 3P	
			< DIODE >	
D6000		8-719-054-89	DIODE D15XB60	
D6002		8-719-404-50	DIODE MA111-TX	
D6003		8-719-404-50	DIODE MA111-TX	
D6102		6-500-137-01	DIODE BAT54HT1	
D6103		8-719-979-64	DIODE UF4005/23	
D6104		6-501-043-01	DIODE UMZ16NT106	
D6105		6-501-043-01	DIODE UMZ16NT106	
D6106		8-719-081-67	DIODE M1FM3	
D6107		8-719-081-67	DIODE M1FM3	
D6108		8-719-041-97	DIODE MA113-(TX)	
D6109		8-719-022-90	DIODE MA8160-M	
D6200		8-719-057-96	DIODE D10SC6M-4012	
D6201		8-719-057-96	DIODE D10SC6M-4012	
D6202		8-719-057-96	DIODE D10SC6M-4012	
D6203		8-719-057-96	DIODE D10SC6M-4012	
D6204		6-500-567-31	DIODE 10ERB20-TB3	
D6205		6-500-567-31	DIODE 10ERB20-TB3	
D6207		8-719-057-96	DIODE D10SC6M-4012	
D6208		8-719-057-96	DIODE D10SC6M-4012	
D6302		6-500-567-31	DIODE 10ERB20-TB3	
D6303		6-500-567-31	DIODE 10ERB20-TB3	
D6304		6-500-849-01	DIODE ERA22-08KFLB	
D6305		6-500-567-31	DIODE 10ERB20-TB3	
D6306		8-719-510-02	DIODE D1NS4	
D6401		8-719-404-50	DIODE MA111-TX	
D6402		8-719-404-50	DIODE MA111-TX	
D6406		8-719-404-50	DIODE MA111-TX	
D6407		8-719-018-01	DIODE MA8220-TX	
D6408		8-719-404-50	DIODE MA111-TX	
D6452		8-719-404-50	DIODE MA111-TX	
D6456		8-719-404-50	DIODE MA111-TX	
D6504		8-719-404-50	DIODE MA111-TX	
D6505		8-719-421-82	DIODE MA8043-M	
D6506		8-719-054-59	DIODE FSF05A60	
D6507		8-719-404-50	DIODE MA111-TX	
D6508		6-500-108-01	DIODE EP05FA20	
D6509		6-500-108-01	DIODE EP05FA20	
D6510		6-500-137-01	DIODE BAT54HT1	
D6511		8-719-404-50	DIODE MA111-TX	
D6512		8-719-404-50	DIODE MA111-TX	
D6551		8-719-404-50	DIODE MA111-TX	
D6552		8-719-404-50	DIODE MA111-TX	
D6553		8-719-404-50	DIODE MA111-TX	

REF.NO.		PART.NO	DESCRIPTION	REMARK
			< FUSE >	
F6000	⚠	1-576-233-51	FUSE 6.3A	250V
			< FERRITE BEAD >	
FB6100		1-412-911-11	FERRITE 0UH	
FB6101		1-412-911-11	FERRITE 0UH	
			< CLIP FUSE >	
FH6000	⚠	1-533-223-11	FUSE HOLDER 0A	0V
FH6001	⚠	1-533-223-11	FUSE HOLDER 0A	0V
			< IC >	
IC6100		6-707-749-01	IC CXD9841P	
IC6200		6-709-368-01	IC MM1431ATT (CN)	
IC6301		6-708-801-01	IC MIP2H2	
IC6302		6-709-442-01	IC MM1530ATT	
IC6401		6-709-368-01	IC MM1431ATT (CN)	
IC6402		6-709-368-01	IC MM1431ATT (CN)	
IC6502		6-709-192-01	IC FA5501AN-D1-TE1	
			< COIL >	
L6000	⚠	1-456-856-21	LINE FILTER COIL	
L6203		1-414-487-41	INDUCTOR 1UH	
L6204		1-414-487-41	INDUCTOR 1UH	
L6207		1-457-239-11	INDUCTOR 4.7UH	
L6208		1-457-239-11	INDUCTOR 4.7UH	
L6300		1-414-183-41	INDUCTOR 10UH	
L6500		1-457-218-11	INDUCTOR 100UH	
L6502		1-457-141-21	INDUCTOR 175UH	
			< PHOTOCOUPLER >	
PH6000	⚠	6-600-187-01	PHOTO COUPLER PC123Y22JOOF	
PH6100		6-600-187-01	PHOTO COUPLER PC123Y22JOOF	
PH6301		6-600-187-01	PHOTO COUPLER PC123Y22JOOF	
PH6400		6-600-187-01	PHOTO COUPLER PC123Y22JOOF	
PH6401		6-600-187-01	PHOTO COUPLER PC123Y22JOOF	
PH6402		6-600-187-01	PHOTO COUPLER PC123Y22JOOF	
			< TRANSISTOR >	
Q6051		8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q6100		6-551-297-01	TRANSISTOR 2SK3568(LBS1SONY.Q	
Q6101		6-551-297-01	TRANSISTOR 2SK3568(LBS1SONY.Q	
Q6400		8-729-804-41	TRANSISTOR 2SB1122-S	
Q6401		8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6402		8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q6403		8-729-600-22	TRANSISTOR 2SA1235-F	
Q6404		8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6405		8-729-120-28	TRANSISTOR 2SC1623-L5L6	

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.		PART.NO	DESCRIPTION			REMARK
Q6406		8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6408		8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6409		8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6454		8-729-600-22	TRANSISTOR 2SA1235-F			
Q6455		8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6500		6-551-403-01	TRANSISTOR 2SK3797(LBS1SONY.			
Q6501		8-729-820-90	TRANSISTOR 2SD1621-ST			
Q6502		8-729-804-41	TRANSISTOR 2SB1122-S			
Q6504		6-551-403-01	TRANSISTOR 2SK3797(LBS1SONY.			
			< RESISTOR >			
R6002	⚠	1-240-251-11	METAL	6.8	5%	10W
R6003		1-247-752-11	CARBON	1K	5%	1/2W
R6004		1-218-835-11	METAL CHIP	330	0.5%	1/10W
R6016		1-535-143-71	LEAD, JUMPER (7.5MM)			
R6051		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6052		1-216-837-11	METAL CHIP	22K	5%	1/10W
R6101		1-249-385-11	CARBON	2.2	5%	1/4W
R6102	⚠	1-202-933-61	FUSIBLE	0.1	10%	1/2W
R6103		1-218-823-11	METAL CHIP	100	0.5%	1/10W
R6104		1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R6105		1-208-854-11	METAL CHIP	1M	0.5%	1/10W
R6106		1-208-854-11	METAL CHIP	1M	0.5%	1/10W
R6107		1-208-854-11	METAL CHIP	1M	0.5%	1/10W
R6108		1-208-854-11	METAL CHIP	1M	0.5%	1/10W
R6109		1-218-761-11	METAL CHIP	240K	0.5%	1/10W
R6110		1-218-881-11	METAL CHIP	27K	0.5%	1/10W
R6111		1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R6114		1-211-985-11	METAL CHIP	47	0.5%	1/10W
R6116		1-216-009-91	RES-CHIP	22	5%	1/10W
R6117		1-216-009-91	RES-CHIP	22	5%	1/10W
R6118		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6119		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6121		1-216-361-00	METAL OXIDE	0.22	5%	2W
R6122		1-216-361-00	METAL OXIDE	0.22	5%	2W
R6123		1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R6127		1-216-857-11	METAL CHIP	1M	5%	1/10W
R6200		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6201		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6202		1-216-105-91	RES-CHIP	220K	5%	1/10W
R6203		1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6204		1-218-843-11	METAL CHIP	680	0.5%	1/10W
R6205		1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W
R6207		1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R6208		1-249-377-11	CARBON	0.47	5%	1/4W
R6226		1-249-389-11	CARBON	4.7	5%	1/4W
R6300	⚠	1-212-958-00	FUSIBLE	10	5%	1/2W
R6301		1-243-725-71	METAL OXIDE	100K	5%	1W
R6302		1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W
R6303		1-249-385-11	CARBON	2.2	5%	1/4W
R6304		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6305		1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6306		1-216-805-11	METAL CHIP	47	5%	1/10W
R6307		1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R6308		1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6309		1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R6400		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6401		1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6402		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6403		1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R6405		1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6407		1-216-837-11	METAL CHIP	22K	5%	1/10W
R6408		1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R6409		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6410		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6412		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6413		1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6414		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6415		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6416		1-216-837-11	METAL CHIP	22K	5%	1/10W
R6417		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6418		1-216-845-11	METAL CHIP	100K	5%	1/10W
R6419		1-216-837-11	METAL CHIP	22K	5%	1/10W
R6420		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6421		1-216-864-11	SHORT CHIP	0		
R6422		1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R6425		1-216-809-11	METAL CHIP	100	5%	1/10W
R6426		1-216-849-11	METAL CHIP	220K	5%	1/10W
R6427		1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R6436		1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6437		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6441		1-216-841-11	METAL CHIP	47K	5%	1/10W
R6442		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6443		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6444		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6451		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6452		1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R6453		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6454		1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6455		1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R6456		1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R6459		1-218-885-11	METAL CHIP	39K	0.5%	1/10W
R6461		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6462		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6468		1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R6503		1-215-882-00	METAL OXIDE	22	5%	2W
R6512		1-218-907-11	METAL CHIP	330K	0.5%	1/10W
R6513		1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R6514		1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R6515		1-218-823-11	METAL CHIP	100	0.5%	1/10W

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REF.NO.		PART.NO	DESCRIPTION			REMARK
R6526		1-211-989-11	METAL CHIP	68	0.5%	1/10W
R6527		1-218-913-91	METAL CHIP	560K	0.5%	1/10W
R6528		1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R6529		1-216-864-11	SHORT CHIP	0		
R6530		1-219-729-61	METAL	0.33	10%	5W
R6531		1-219-729-61	METAL	0.33	10%	5W
R6532		1-216-864-11	SHORT CHIP	0		
R6533		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6534		1-218-823-11	METAL CHIP	100	0.5%	1/10W
R6535		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6536		1-218-830-11	METAL CHIP	200	0.5%	1/10W
R6537		1-249-389-11	CARBON	4.7	5%	1/4W
R6538		1-249-405-11	CARBON	100	5%	1/4W
R6539		1-218-830-11	METAL CHIP	200	0.5%	1/10W
R6540		1-249-389-11	CARBON	4.7	5%	1/4W
R6541		1-208-818-11	METAL CHIP	33K	0.5%	1/10W
R6542		1-208-814-91	METAL CHIP	22K	0.5%	1/10W
R6543		1-218-830-11	METAL CHIP	200	0.5%	1/10W
R6544		1-218-830-11	METAL CHIP	200	0.5%	1/10W
R6545		1-208-848-11	METAL CHIP	560K	0.5%	1/10W
R6546		1-208-848-11	METAL CHIP	560K	0.5%	1/10W
R6547		1-208-848-11	METAL CHIP	560K	0.5%	1/10W
R6548		1-208-846-11	METAL CHIP	470K	0.5%	1/10W
R6549		1-208-844-11	METAL CHIP	390K	0.5%	1/10W
R6550		1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R6551		1-249-393-11	CARBON	10	5%	1/4W
R6552		1-216-809-11	METAL CHIP	100	5%	1/10W
R6553	⚠	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6554		1-218-911-11	METAL CHIP	470K	0.5%	1/10W
R6555		1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R6557		1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R6560		1-218-911-11	METAL CHIP	470K	0.5%	1/10W
R6562	⚠	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6563	⚠	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6564	⚠	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6565	⚠	1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6566		1-216-833-11	METAL CHIP	10K	5%	1/10W
			< RELAY >			
RY6003	⚠	1-755-579-11	RELAY, POWER			
			< TRANSFORMER >			
T6102	⚠	1-443-983-11	CONVERTER TRANSFORMER (PIT)			
T6103	⚠	1-443-982-11	CONVERTER TRANSFORMER (PIT)			
T6301	⚠	1-443-984-11	CONVERTER TRANSFORMER (SBT)			
			< VARISTOR >			
VD6000	⚠	1-804-996-21	VARISTOR			
VD6001	⚠	1-804-996-21	VARISTOR			

REF.NO.	PART.NO	DESCRIPTION	REMARK
***A-1196-582-D BE Board, Complete**			
	2-586-175-01	SHEET B, RADIATION	
A5001	1-694-974-21	CONTACT TERMINAL	
A5002	1-694-974-21	CONTACT TERMINAL	
A5003	1-694-974-21	CONTACT TERMINAL	
A5004	1-694-974-21	CONTACT TERMINAL	
		< CAPACITOR >	
C4001	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C4003	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C4004	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4006	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4007	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C4010	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4011	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C4012	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C4013	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C4014	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C4015	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4016	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4017	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4018	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4019	1-164-847-11	CERAMIC CHIP 7PF	0.50PF 50V
C4021	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4022	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C4023	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4024	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C4025	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4026	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4027	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4028	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4029	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4030	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C4031	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4032	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4033	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4034	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4035	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4036	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C4037	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4038	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4039	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4040	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4041	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4042	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4043	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4044	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C4045	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C4046	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4047	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4048	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4049	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4050	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4051	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C4052	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4053	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C4054	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4055	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4056	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4057	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4058	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4059	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4060	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4061	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4062	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C4063	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4066	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4067	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C4068	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C4069	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C4070	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4071	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C4072	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4073	1-126-390-11	ELECT CHIP 22UF	20.00% 6.3V
C4074	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4075	1-164-939-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C4076	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C4079	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4080	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4081	1-126-391-11	ELECT CHIP 47UF	20.00% 6.3V
C4082	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C4083	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4084	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C4085	1-115-456-21	DOUBLE LAYER 0.22F	5.5V
C4086	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C4087	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4089	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C4090	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4091	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C4092	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C4100	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C4101	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C4105	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C4106	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C4107	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C4110	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4301	1-112-692-11	CERAMIC CHIP 1000PF	5% 50V
C4304	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C4305	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C4306	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C4307	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C4308	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C4309	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C4310	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C4311	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C4312	1-100-162-91	CERAMIC CHIP 1UF	50V
C4400	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C4401	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C4402	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C4403	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C4404	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C4405	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C4406	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C4407	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C4408	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C4409	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C4412	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C4413	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C4414	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C4415	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C4416	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C4512	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5000	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5002	1-100-908-11	CERAMIC CHIP 1UF	10% 6.3V
C5003	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5004	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5005	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5006	1-164-847-11	CERAMIC CHIP 7PF	0.50PF 50V
C5007	1-164-847-11	CERAMIC CHIP 7PF	0.50PF 50V
C5008	1-112-774-11	CERAMIC CHIP 470PF	10% 50V
C5009	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C5011	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5012	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C5013	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C5014	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5036	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5038	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5201	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5203	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5205	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5207	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5208	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C5209	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C5210	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5211	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5212	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5214	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5215	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK		REF.NO.	PART.NO	DESCRIPTION	REMARK	
C5216	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5337	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5217	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5338	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5218	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5339	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5219	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5340	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5220	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5341	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5221	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5342	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5222	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5343	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5223	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5344	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5224	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5345	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5226	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5346	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5227	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5347	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5228	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5348	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5229	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5349	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5300	1-126-394-11	ELECT CHIP 10UF	20.00%	16V	C5350	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5301	1-126-394-11	ELECT CHIP 10UF	20.00%	16V	C5351	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5302	1-126-392-11	ELECT CHIP 100UF	20.00%	6.3V	C5352	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5303	1-126-394-11	ELECT CHIP 10UF	20.00%	16V	C5353	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5304	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5354	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5305	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5355	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5306	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5356	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5307	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5357	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5308	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5358	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5309	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5359	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5310	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5360	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5311	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5361	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5312	1-126-392-11	ELECT CHIP 100UF	20.00%	6.3V	C5362	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5313	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5363	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5314	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5364	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5315	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5365	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5316	1-126-392-11	ELECT CHIP 100UF	20.00%	6.3V	C5366	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5317	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5367	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5318	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5368	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5319	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5369	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5320	1-126-392-11	ELECT CHIP 100UF	20.00%	6.3V	C5370	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5321	1-112-068-11	CERAMIC CHIP 220PF	10%	50V	C5371	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5322	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5372	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5323	1-100-906-11	CERAMIC CHIP 0.01UF	10%	16V	C5373	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5324	1-162-979-11	CERAMIC CHIP 0.0027UF	10.00%	50V	C5374	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5325	1-162-979-11	CERAMIC CHIP 0.0027UF	10.00%	50V	C5375	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5326	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5376	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5327	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5377	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5328	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5378	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5329	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5379	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5330	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5380	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5331	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5381	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5332	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5382	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5333	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5383	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5334	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5384	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5335	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5385	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5336	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5386	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V

REF.NO.	PART.NO	DESCRIPTION	REMARK		REF.NO.	PART.NO	DESCRIPTION	REMARK	
C5387	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5437	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5388	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5438	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5389	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5439	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5390	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5440	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5391	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5441	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5392	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5442	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5393	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5443	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5394	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5444	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5395	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5445	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5396	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5446	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5397	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5447	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5398	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5448	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5399	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5449	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5400	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5450	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5401	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5451	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5402	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5452	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C5403	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5453	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5404	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5454	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5405	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5455	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5406	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5456	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5407	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5457	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5408	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5458	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5409	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5459	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5410	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5460	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5411	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5461	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5412	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5462	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5413	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5463	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5414	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5464	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5415	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5465	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5416	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5466	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5417	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5467	1-100-906-11	CERAMIC CHIP 0.01UF	10%	16V
C5418	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5500	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5419	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5501	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5420	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5502	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5421	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5503	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5422	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5504	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5423	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5505	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5424	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5506	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5425	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5507	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5426	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5508	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5427	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5509	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5428	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5510	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5429	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5511	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5430	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5512	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5431	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5513	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5432	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C5514	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5433	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5515	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5434	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5516	1-100-906-11	CERAMIC CHIP 0.01UF	10%	16V
C5435	1-126-392-11	ELECT CHIP 100UF	20.00%	6.3V	C5518	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C5436	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5519	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C5520	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5521	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5522	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5523	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5524	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5525	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5526	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5527	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5528	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5529	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5530	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5531	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5532	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5533	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5534	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5535	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5536	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5537	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5538	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5539	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5540	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5541	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5542	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5543	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5544	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5545	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5546	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5547	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5548	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5549	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5550	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5551	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5552	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5553	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5554	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5555	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5556	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5557	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5558	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5559	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5560	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5561	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5562	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5802	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5803	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5804	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5806	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5807	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5808	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5809	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C5811	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5812	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5813	1-126-390-11	ELECT CHIP 22UF	20.00% 6.3V
C5814	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5818	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5819	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5820	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5821	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5827	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5828	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5829	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5832	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5833	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5834	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C5835	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5836	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C5837	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C5838	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C5839	1-164-936-11	CERAMIC CHIP 680PF	10.00% 50V
C5840	1-164-936-11	CERAMIC CHIP 680PF	10.00% 50V
C5841	1-112-067-11	CERAMIC CHIP 0.22UF	10% 16V
C5842	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5843	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5844	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5845	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5846	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5847	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5848	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5849	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5850	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5851	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5852	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5853	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5854	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5855	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5856	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5857	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5858	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5859	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5860	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5861	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5862	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5863	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5864	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5865	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5866	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5867	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5868	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5869	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5870	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C5871	1-164-854-11	CERAMIC CHIP 15PF	5.00% 50V
C5872	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5873	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C5874	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5875	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5876	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5877	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5878	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5879	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5880	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5881	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5882	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5883	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5884	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5885	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5886	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5887	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5888	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5889	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C5892	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5893	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5894	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5895	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5896	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C5897	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5900	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5901	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5902	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5903	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5904	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5905	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5906	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5907	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5908	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5909	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5910	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C5911	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5912	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7000	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7001	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C7002	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C7003	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V
C7004	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V
C7005	1-162-967-11	CERAMIC CHIP 0.0033UF	10.00% 50V
C7006	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7007	1-100-552-21	ELECT CHIP 10UF	20% 25V
C7008	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7009	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C7010	1-112-797-11	ELECT CHIP 470UF	20% 25V
C7011	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C7012	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C7013	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7014	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7015	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7016	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7017	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7019	1-112-161-21	ELECT CHIP 1000UF	20% 6.3V
C7020	1-164-934-11	CERAMIC CHIP 330PF	10.00% 50V
C7022	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C7023	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C7025	1-125-827-91	CERAMIC CHIP 1UF	10.00% 25V
C7026	1-125-827-91	CERAMIC CHIP 1UF	10.00% 25V
C7027	1-164-939-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7028	1-119-923-11	CERAMIC CHIP 0.047UF	10.00% 10V
C7029	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C7030	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C7031	1-135-342-21	ELECT CHIP 56UF	20% 10V
C7032	1-135-346-21	ELECT CHIP 39UF	20% 16V
C7033	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C7034	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7035	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7036	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7037	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7039	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C7040	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7041	1-100-567-81	CERAMIC CHIP 0.01UF	10% 25V
C7042	1-112-066-11	CERAMIC CHIP 10UF	10% 10V
C7043	1-164-939-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7044	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C7046	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C7047	1-165-672-21	ELECT CHIP 47UF	20% 10V
C7048	1-164-878-11	CERAMIC CHIP 150PF	5% 50V
C7049	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C7050	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C7051	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C7054	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7056	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C7057	1-112-046-11	CERAMIC CHIP 4.7UF	10% 6.3V
C7058	1-100-906-11	CERAMIC CHIP 0.01UF	10% 16V
C7060	1-135-595-11	ELECT 100UF	20% 6.3V
C7062	1-135-342-21	ELECT CHIP 56UF	20% 10V
C7065	1-112-161-21	ELECT CHIP 1000UF	20% 6.3V
C7067	1-112-797-11	ELECT CHIP 470UF	20% 25V
C7068	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7069	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7070	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C7079	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7080	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7081	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7082	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BE

REF.NO.	PART.NO	DESCRIPTION	REMARK
C7083	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V	
C7084	1-164-874-11	CERAMIC CHIP 100PF 5.00% 50V	
C7085	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V	
C7088	1-164-874-11	CERAMIC CHIP 100PF 5.00% 50V	
C7089	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V	
		< CONNECTOR >	
CN4001	*1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P	
CN4002	*1-819-447-11	HEADER ASSEMBLY FOR PWB 10P	
CN4003	*1-779-331-51	CONNECTOR, FFC/FPC 14P	
CN4004	*1-779-936-51	CONNECTOR, FFC/FPC 18P	
CN4007	*1-819-336-11	HEADER ASSEMBLY FOR PWB 3P	
CN4008	*1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P	
CN4300	*1-819-337-11	HEADER ASSEMBLY FOR PWB 10P	
CN4301	*1-820-189-11	HEADER ASSEMBLY (PRINT PWB)12P	
CN4400	*1-820-284-11	D SUB CONNECTOR	
CN4700	*1-820-255-51	FFC/FPC CONNECTOR (ZIF) 20P	
CN5003	*1-820-506-11	HEADER ASSEMBLY FOR PWB 51P	
CN5800	*1-818-737-11	HDMI CONNECTOR	
CN5801	*1-818-737-11	HDMI CONNECTOR	
CN7002	*1-780-408-11	TERMINAL	
CN7003	*1-780-408-11	TERMINAL	
CN7004	*1-780-408-11	TERMINAL	
CN7005	*1-780-408-11	TERMINAL	
CN7008	*1-820-186-11	HEADER ASSEMBLY (PRINT PWB) 9P	
CN7009	*1-820-186-11	HEADER ASSEMBLY (PRINT PWB) 9P	
CN7010	*1-780-408-11	TERMINAL	
CN7011	*1-780-408-11	TERMINAL	
CN7012	*1-780-408-11	TERMINAL	
CN7013	*1-780-408-11	TERMINAL	
CN7014	*1-780-408-11	TERMINAL	
CN7015	*1-780-408-11	TERMINAL	
CN7016	*1-780-408-11	TERMINAL	
CN7017	*1-780-408-11	TERMINAL	
CN7018	*1-780-408-11	TERMINAL	
CN7019	*1-780-408-11	TERMINAL	
		< DIODE >	
D4002	8-719-058-24	DIODE RB501V-40TE-17	
D4006	8-719-073-01	DIODE MA111-(K8).S0	
D4007	8-719-077-59	DIODE 1PS302	
D4020	8-719-422-46	DIODE MA8056	
D4021	8-719-422-46	DIODE MA8056	
D4301	8-719-064-03	DIODE HZU16B2TRF-E	
D4302	8-719-064-03	DIODE HZU16B2TRF-E	
D4400	8-719-422-46	DIODE MA8056	
D4401	8-719-422-46	DIODE MA8056	
D4402	8-719-422-46	DIODE MA8056	
D4403	8-719-050-38	DIODE M1MA152WK-T1	
D4500	8-719-056-84	DIODE UDZ-TE-17-7.5B	

REF.NO.	PART.NO	DESCRIPTION	REMARK
D4508	8-719-073-01	DIODE MA111-(K8).S0	
D4509	8-719-073-01	DIODE MA111-(K8).S0	
D4510	8-719-073-01	DIODE MA111-(K8).S0	
D4511	8-719-073-01	DIODE MA111-(K8).S0	
D5801	8-719-073-01	DIODE MA111-(K8).S0	
D5802	8-719-073-01	DIODE MA111-(K8).S0	
D5804	8-719-073-01	DIODE MA111-(K8).S0	
D5813	8-719-073-01	DIODE MA111-(K8).S0	
D7000	6-500-215-01	DIODE M2FM3	
D7001	8-719-072-43	DIODE RB050L-40TE25	
D7002	6-500-294-01	DIODE PTZ-TE25-3.9B	
D7003	6-500-294-01	DIODE PTZ-TE25-3.9B	
D7004	8-719-072-43	DIODE RB050L-40TE25	
D7005	8-719-072-43	DIODE RB050L-40TE25	
D7006	8-719-073-01	DIODE MA111-(K8).S0	
D7007	8-719-072-43	DIODE RB050L-40TE25	
D7008	6-500-579-01	DIODE PTZ-TE25-6.8B	
D7009	8-719-084-56	DIODE PTZ-TE25-15B	
D7010	6-500-295-01	DIODE PTZ-TE25-5.6B	
		< FUSE >	
F7000 ⚠	1-576-603-21	FUSE	3.15A 24V
		< FERRITE BEAD >	
FB4001	1-414-227-11	FERRITE 0UH	
FB4002	1-400-177-21	FERRITE 0UH	
FB4003	1-414-227-11	FERRITE 0UH	
FB4004	1-400-110-21	FERRITE 0UH	
FB4005	1-400-110-21	FERRITE 0UH	
FB4006	1-400-110-21	FERRITE 0UH	
FB4007	1-400-110-21	FERRITE 0UH	
FB4008	1-400-331-11	FERRITE 0UH	
FB4009	1-400-807-21	FERRITE 0UH	
FB4010	1-400-591-22	FERRITE 0UH	
FB4011	1-400-807-21	FERRITE 0UH	
FB4012	1-400-807-21	FERRITE 0UH	
FB4013	1-400-807-21	FERRITE 0UH	
FB4014	1-400-807-21	FERRITE 0UH	
FB4015	1-400-807-21	FERRITE 0UH	
FB4016	1-400-807-21	FERRITE 0UH	
FB4017	1-400-794-21	FERRITE 0UH	
FB4018	1-400-794-21	FERRITE 0UH	
FB4019	1-400-591-22	FERRITE 0UH	
FB4020	1-400-141-22	FERRITE 0UH	
FB4021	1-400-141-22	FERRITE 0UH	
FB4022	1-400-807-21	FERRITE 0UH	
FB4023	1-400-807-21	FERRITE 0UH	
FB4311	1-400-851-11	FERRITE 0UH	
FB4312	1-400-110-21	FERRITE 0UH	

REF.NO.	PART.NO	DESCRIPTION	REMARK
FB4313	1-400-110-21	FERRITE	0UH
FB4315	1-400-110-21	FERRITE	0UH
FB4320	1-400-141-22	FERRITE	0UH
FB4321	1-400-141-22	FERRITE	0UH
FB4400	1-469-100-21	FERRITE	0UH
FB4401	1-469-100-21	FERRITE	0UH
FB4402	1-469-100-21	FERRITE	0UH
FB4404	1-469-100-21	FERRITE	0UH
FB4405	1-400-141-22	FERRITE	0UH
FB5000	1-400-461-21	FERRITE	0UH
FB5001	1-400-461-21	FERRITE	0UH
FB5002	1-400-461-21	FERRITE	0UH
FB5003	1-400-461-21	FERRITE	0UH
FB5004	1-400-461-21	FERRITE	0UH
FB5005	1-400-461-21	FERRITE	0UH
FB5006	1-400-461-21	FERRITE	0UH
FB5008	1-400-794-21	FERRITE	0UH
FB5300	1-400-794-21	FERRITE	0UH
FB5301	1-400-794-21	FERRITE	0UH
FB5302	1-400-794-21	FERRITE	0UH
FB5501	1-400-794-21	FERRITE	0UH
FB5502	1-400-794-21	FERRITE	0UH
FB5800	1-469-094-21	FERRITE	0UH
FB5801	1-400-461-21	FERRITE	0UH
FB5802	1-414-235-22	FERRITE	0UH
FB5803	1-414-235-22	FERRITE	0UH
FB5804	1-400-461-21	FERRITE	0UH
FB5805	1-400-461-21	FERRITE	0UH
FB5806	1-414-235-22	FERRITE	0UH
FB5807	1-400-461-21	FERRITE	0UH
FB5808	1-400-382-11	FERRITE	0UH
FB5809	1-400-382-11	FERRITE	0UH
FB7000	1-400-794-21	FERRITE	0UH
FB7001	1-414-445-11	FERRITE	0UH
FB7002	1-414-445-11	FERRITE	0UH
FB7003	1-414-445-11	FERRITE	0UH
FB7004	1-400-591-22	FERRITE	0UH
FB7005	1-400-110-21	FERRITE	0UH
FB7006	1-400-110-21	FERRITE	0UH
FB7007	1-400-110-21	FERRITE	0UH
FB7008	1-400-110-21	FERRITE	0UH
FB7009	1-400-591-22	FERRITE	0UH
FB7010	1-400-591-22	FERRITE	0UH
FB7011	1-400-591-22	FERRITE	0UH
FB7014	1-400-591-22	FERRITE	0UH

< FILTER >

FL4001	1-234-177-21	FERRITE	0UH
FL5300	1-234-177-21	FERRITE	0UH
FL5301	1-234-177-21	FERRITE	0UH
FL5302	1-234-177-21	FERRITE	0UH
FL5303	1-234-177-21	FERRITE	0UH
FL5304	1-234-177-21	FERRITE	0UH
FL5306	1-234-177-21	FERRITE	0UH
FL5500	1-234-177-21	FERRITE	0UH
FL5501	1-234-177-21	FERRITE	0UH
FL5800	1-234-177-21	FERRITE	0UH
FL5801	1-234-177-21	FERRITE	0UH
FL5802	1-234-177-21	FERRITE	0UH

< IC >

IC4001	6-708-219-01	IC MB91305PMC-G-BNDE1
IC4002	6-807-038-01	IC MX29LV160CTTI-70G-WAX2FE-03
IC4003	6-706-419-01	IC LM393DT (A)
IC4004	6-703-175-01	IC PST3629UL
IC4005	6-710-121-01	IC M24256-BWMN6TP(A)
IC4006	6-709-512-01	IC S-1132B18-M5T1G
IC4007	6-706-815-01	IC TMP75AIDR
IC4008	8-759-549-03	IC SN74LV132APWR
IC4009	6-709-517-01	IC S-35390A-J8T1G
IC4010	6-708-762-01	IC PQ200WNA1ZPH
IC4400	6-704-600-01	IC M24C02-WMN6T(B)
IC4401	8-759-679-54	IC SN74LVC14APWR
IC5000	6-709-896-01	IC CXD9887GG
IC5001	6-706-491-01	IC TC7SH86FU(T5RSOYJF)
IC5002	8-759-651-59	IC SN74CBTLV3245APWR
IC5003	8-759-651-59	IC SN74CBTLV3245APWR
IC5004	* 6-703-108-01	IC SN74LVC2G04DCKR
IC5500	6-710-089-01	IC K4D263238I-VC50T
IC5501	6-710-089-01	IC K4D263238I-VC50T
IC5800	6-704-819-01	IC CS4335-KSZR
IC5801	6-704-001-01	IC BR24L02F-WE2
IC5802	6-709-927-01	IC RT8H225C-TP-2
IC5803	6-704-001-01	IC BR24L02F-WE2
IC5805	6-709-498-01	IC SII9023CTU
IC5806	6-705-403-01	IC PQ070XZ01ZPH
IC7000	6-707-927-01	IC BD9775FV
IC7001	6-702-142-01	IC PQ1CY1032ZP
IC7002	6-710-037-01	IC MB39C011APFT-G-BND-ERE1
IC7003	6-708-862-01	IC MM1662FTRE

< SOCKET >

J4400	1-820-638-11	JACK (SMALL TYPE)
J5800	1-820-764-11	PHONO JACK2P

< COIL >

L5000	1-457-360-21	INDUCTOR	0UH
L5001	1-457-360-21	INDUCTOR	0UH
L5002	1-457-360-21	INDUCTOR	0UH
L5003	1-457-360-21	INDUCTOR	0UH

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BE

REF.NO.	PART.NO	DESCRIPTION	REMARK
L5004	1-457-360-21	INDUCTOR	0UH
L5006	1-457-360-21	INDUCTOR	0UH
L5007	1-457-360-21	INDUCTOR	0UH
L5008	1-457-360-21	INDUCTOR	0UH
L5009	1-457-360-21	INDUCTOR	0UH
L5010	1-457-360-21	INDUCTOR	0UH
L5012	1-400-177-21	FERRITE	0UH
L5200	1-469-561-21	INDUCTOR	100UH
L5300	1-469-551-21	INDUCTOR	2.2UH
L5301	1-469-551-21	INDUCTOR	2.2UH
L5302	1-469-551-21	INDUCTOR	2.2UH
L5303	1-469-551-21	INDUCTOR	2.2UH
L5304	1-412-054-21	INDUCTOR	2.2UH
L5305	1-400-177-21	FERRITE	0UH
L5804	1-469-555-21	INDUCTOR	10UH
L5805	1-469-555-21	INDUCTOR	10UH
L7000	1-400-175-21	INDUCTOR	47UH
L7001	1-457-041-21	INDUCTOR	10UH
L7002	1-456-787-21	INDUCTOR	10UH
L7003	1-481-080-11	INDUCTOR	22UH
L7004	1-481-083-11	INDUCTOR	22UH
L7005	1-424-797-21	INDUCTOR	10UH
L7007	1-400-790-21	INDUCTOR	4.7UH

< PROTECTOR MODULE >

PS4400	⚠	1-576-122-21	IC LINK	0.4A	72V
PS7000	⚠	1-576-603-21	FUSE	3.15A	24V

< TRANSISTOR >

Q4001	6-551-387-01	TRANSISTOR SSM6N16FU
Q4003	8-729-028-74	TRANSISTOR DTA114TUA-T106
Q4004	8-729-013-28	TRANSISTOR HN1B01FU-TE85R
Q4005	8-729-028-74	TRANSISTOR DTA114TUA-T106
Q4006	8-729-029-04	TRANSISTOR DTC123JUA-T106
Q4007	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q4285	8-729-029-00	TRANSISTOR DTC115EUA-T106
Q4286	8-729-028-77	TRANSISTOR DTA115EUA-T106
Q4301	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q4400	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q4401	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q4500	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q4502	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q4503	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q4504	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q4505	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q4506	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q4507	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q5200	8-729-602-36	TRANSISTOR 2SA1602-F
Q5201	8-729-602-36	TRANSISTOR 2SA1602-F
Q5800	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q5801	8-729-025-28	TRANSISTOR 2SK1828
Q5802	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q5803	8-729-025-28	TRANSISTOR 2SK1828
Q5804	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q5805	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q5807	6-551-364-01	TRANSISTOR DTC614TUT106
Q5808	6-551-364-01	TRANSISTOR DTC614TUT106
Q5810	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q5812	6-550-014-01	TRANSISTOR SSM6N15FU(TE85R)
Q5813	6-550-014-01	TRANSISTOR SSM6N15FU(TE85R)
Q7000	6-550-652-01	TRANSISTOR FDS4435A
Q7001	6-550-828-01	TRANSISTOR RSQ035P03TR
Q7002	6-550-828-01	TRANSISTOR RSQ035P03TR
Q7003	*6-550-663-01	TRANSISTOR RSS100N03TB
Q7004	6-550-355-01	TRANSISTOR RTQ045N03TR
Q7005	6-550-851-01	TRANSISTOR RSS050P03FTB
Q7007	8-729-602-21	TRANSISTOR 2SC4154-F
Q7008	8-729-028-96	TRANSISTOR DTC114EUA-T106
Q7009	6-550-663-01	TRANSISTOR RSS100N03TB
Q7012	8-729-029-00	TRANSISTOR DTC115EUA-T106
Q7015	8-729-028-77	TRANSISTOR DTA115EUA-T106
Q7016	8-729-029-00	TRANSISTOR DTC115EUA-T106

< RESISTOR >

R4001	1-216-864-11	SHORT CHIP	0		
R4002	1-216-864-11	SHORT CHIP	0		
R4003	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4004	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4005	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4007	1-218-937-11	RES-CHIP	47	5%	1/16W
R4008	1-218-937-11	RES-CHIP	47	5%	1/16W
R4009	1-218-937-11	RES-CHIP	47	5%	1/16W
R4010	1-218-990-81	SHORT CHIP	0		
R4011	1-216-864-11	SHORT CHIP	0		
R4012	1-216-864-11	SHORT CHIP	0		
R4013	1-216-801-11	METAL CHIP	22	5%	1/10W
R4014	1-216-801-11	METAL CHIP	22	5%	1/10W
R4015	1-216-864-11	SHORT CHIP	0		
R4016	1-216-801-11	METAL CHIP	22	5%	1/10W
R4017	1-216-801-11	METAL CHIP	22	5%	1/10W
R4018	1-216-864-11	SHORT CHIP	0		
R4019	1-216-864-11	SHORT CHIP	0		
R4020	1-216-813-11	METAL CHIP	220	5%	1/10W
R4021	1-216-801-11	METAL CHIP	22	5%	1/10W
R4022	1-216-801-11	METAL CHIP	22	5%	1/10W
R4023	1-216-801-11	METAL CHIP	22	5%	1/10W
R4024	1-216-801-11	METAL CHIP	22	5%	1/10W
R4025	1-216-864-11	SHORT CHIP	0		
R4026	1-216-801-11	METAL CHIP	22	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R4027	1-218-990-81	SHORT CHIP	0		
R4028	1-216-864-11	SHORT CHIP	0		
R4029	1-216-864-11	SHORT CHIP	0		
R4031	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R4032	1-216-864-11	SHORT CHIP	0		
R4033	1-216-864-11	SHORT CHIP	0		
R4034	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R4035	1-216-864-11	SHORT CHIP	0		
R4036	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R4037	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R4038	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R4039	1-216-864-11	SHORT CHIP	0		
R4040	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4041	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4042	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4043	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R4044	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4045	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4046	1-216-864-11	SHORT CHIP	0		
R4047	1-216-864-11	SHORT CHIP	0		
R4048	1-216-864-11	SHORT CHIP	0		
R4049	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4050	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4051	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4052	1-216-864-11	SHORT CHIP	0		
R4055	1-218-990-81	SHORT CHIP	0		
R4056	1-218-990-81	SHORT CHIP	0		
R4059	1-216-864-11	SHORT CHIP	0		
R4064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4065	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4067	1-216-864-11	SHORT CHIP	0		
R4068	1-218-990-81	SHORT CHIP	0		
R4069	1-208-855-81	METAL CHIP	47	0.5%	1/16W
R4070	1-216-864-11	SHORT CHIP	0		
R4071	1-218-990-81	SHORT CHIP	0		
R4074	1-218-990-81	SHORT CHIP	0		
R4075	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4076	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4077	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4078	1-216-864-11	SHORT CHIP	0		
R4082	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4088	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4092	1-216-864-11	SHORT CHIP	0		
R4093	1-216-864-11	SHORT CHIP	0		
R4096	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4097	1-208-679-11	METAL CHIP	680	0.5%	1/16W
R4098	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R4099	1-216-864-11	SHORT CHIP	0		
R4100	1-216-864-11	SHORT CHIP	0		
R4101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R4103	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4111	1-218-933-11	RES-CHIP	22	5%	1/16W
R4113	1-218-933-11	RES-CHIP	22	5%	1/16W
R4120	1-216-864-11	SHORT CHIP	0		
R4121	1-216-864-11	SHORT CHIP	0		
R4122	1-216-864-11	SHORT CHIP	0		
R4123	1-216-864-11	SHORT CHIP	0		
R4124	1-216-864-11	SHORT CHIP	0		
R4125	1-216-864-11	SHORT CHIP	0		
R4134	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4144	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R4161	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4162	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4164	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4165	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4168	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4169	1-216-864-11	SHORT CHIP	0		
R4180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4186	1-218-990-81	SHORT CHIP	0		
R4188	1-218-990-81	SHORT CHIP	0		
R4190	1-208-886-81	METAL CHIP	910	0.5%	1/16W
R4192	1-218-941-81	RES-CHIP	100	5%	1/16W
R4193	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4195	1-218-990-81	SHORT CHIP	0		
R4196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4198	1-218-990-81	SHORT CHIP	0		
R4199	1-218-941-81	RES-CHIP	100	5%	1/16W
R4202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4203	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4205	1-218-990-81	SHORT CHIP	0		
R4206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4207	1-218-949-11	RES-CHIP	470	5%	1/16W
R4208	1-218-990-81	SHORT CHIP	0		
R4209	1-218-990-81	SHORT CHIP	0		
R4210	1-218-949-11	RES-CHIP	470	5%	1/16W
R4211	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4212	1-218-949-11	RES-CHIP	470	5%	1/16W
R4218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4223	1-218-945-11	RES-CHIP	220	5%	1/16W
R4224	1-218-990-81	SHORT CHIP	0		
R4225	1-218-937-11	RES-CHIP	47	5%	1/16W
R4226	1-218-945-11	RES-CHIP	220	5%	1/16W
R4227	1-218-937-11	RES-CHIP	47	5%	1/16W
R4235	1-218-990-81	SHORT CHIP	0		
R4239	1-218-990-81	SHORT CHIP	0		
R4240	1-208-943-11	METAL CHIP	220K	0.5%	1/16W
R4242	1-218-941-81	RES-CHIP	100	5%	1/16W
R4243	1-216-809-11	METAL CHIP	100	5%	1/10W
R4246	1-218-965-11	RES-CHIP	10K	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R4247	1-216-864-11	SHORT CHIP	0		
R4255	1-400-591-22	FERRITE	0UH		
R4256	1-400-591-22	FERRITE	0UH		
R4257	1-400-591-22	FERRITE	0UH		
R4258	1-400-591-22	FERRITE	0UH		
R4259	1-400-591-22	FERRITE	0UH		
R4260	1-400-591-22	FERRITE	0UH		
R4261	1-400-591-22	FERRITE	0UH		
R4262	1-400-591-22	FERRITE	0UH		
R4263	1-400-591-22	FERRITE	0UH		
R4264	1-400-591-22	FERRITE	0UH		
R4265	1-400-591-22	FERRITE	0UH		
R4266	1-216-864-11	SHORT CHIP	0		
R4267	1-400-591-22	FERRITE	0UH		
R4270	1-218-941-81	RES-CHIP	100	5%	1/16W
R4271	1-218-990-81	SHORT CHIP	0		
R4272	1-218-990-81	SHORT CHIP	0		
R4290	1-218-990-81	SHORT CHIP	0		
R4295	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
R4301	1-218-990-81	SHORT CHIP	0		
R4302	1-218-941-11	RES-CHIP	100	5%	1/16W
R4303	1-218-990-81	SHORT CHIP	0		
R4307	1-218-990-81	SHORT CHIP	0		
R4308	1-218-990-81	SHORT CHIP	0		
R4309	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4310	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4313	1-216-864-11	SHORT CHIP	0		
R4314	1-216-864-11	SHORT CHIP	0		
R4315	1-216-864-11	SHORT CHIP	0		
R4316	1-216-864-11	SHORT CHIP	0		
R4321	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R4322	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4400	1-216-805-11	METAL CHIP	47	5%	1/10W
R4401	1-216-805-11	METAL CHIP	47	5%	1/10W
R4406	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4407	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4408	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R4409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4410	1-216-805-11	METAL CHIP	47	5%	1/10W
R4411	1-216-805-11	METAL CHIP	47	5%	1/10W
R4412	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4413	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4414	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4415	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4416	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4417	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4418	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R4419	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4421	1-216-801-11	METAL CHIP	22	5%	1/10W
R4422	1-216-801-11	METAL CHIP	22	5%	1/10W
R4423	1-216-801-11	METAL CHIP	22	5%	1/10W
R4429	1-216-801-11	METAL CHIP	22	5%	1/10W
R4430	1-216-801-11	METAL CHIP	22	5%	1/10W
R4439	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4440	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4441	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R4442	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R4443	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R4444	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R4445	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4446	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4506	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R4507	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R4510	1-218-990-81	SHORT CHIP	0		
R4515	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4516	1-218-978-11	RES-CHIP	120K	5%	1/16W
R4517	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4518	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R4542	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4543	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4544	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4545	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4546	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4547	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4700	1-218-937-11	RES-CHIP	47	5%	1/16W
R4710	1-218-990-81	SHORT CHIP	0		
R4715	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4716	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4717	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4718	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4719	1-216-864-11	SHORT CHIP	0		
R4720	1-216-864-11	SHORT CHIP	0		
R4727	1-218-990-81	SHORT CHIP	0		
R4728	1-218-990-81	SHORT CHIP	0		
R5004	1-218-990-81	SHORT CHIP	0		
R5007	1-218-990-81	SHORT CHIP	0		
R5009	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5012	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5013	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5015	1-218-989-11	RES-CHIP	1M	5%	1/16W
R5017	1-218-990-81	SHORT CHIP	0		
R5018	1-218-941-11	RES-CHIP	100	5%	1/16W
R5019	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R5020	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5021	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5022	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5024	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5032	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5039	1-218-935-11	RES-CHIP	33	5%	1/16W
R5200	1-218-957-11	RES-CHIP	2.2K	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R5201	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5202	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5203	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5204	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5205	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5206	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5207	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5209	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5210	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5211	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5212	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5213	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5214	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5215	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5218	1-218-990-81	SHORT CHIP	0		
R5219	1-216-864-11	SHORT CHIP	0		
R5220	1-216-864-11	SHORT CHIP	0		
R5221	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5222	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5223	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5224	1-218-933-11	RES-CHIP	22	5%	1/16W
R5225	1-218-933-11	RES-CHIP	22	5%	1/16W
R5226	1-218-990-81	SHORT CHIP	0		
R5227	1-218-990-81	SHORT CHIP	0		
R5228	1-218-990-81	SHORT CHIP	0		
R5229	1-218-990-81	SHORT CHIP	0		
R5230	1-218-990-81	SHORT CHIP	0		
R5231	1-218-990-81	SHORT CHIP	0		
R5232	1-218-990-81	SHORT CHIP	0		
R5233	1-218-990-81	SHORT CHIP	0		
R5234	1-218-990-81	SHORT CHIP	0		
R5235	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5236	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5238	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5239	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5241	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5243	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5245	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5247	1-218-990-81	SHORT CHIP	0		
R5248	1-218-990-81	SHORT CHIP	0		
R5251	1-218-990-81	SHORT CHIP	0		
R5252	1-218-990-81	SHORT CHIP	0		
R5253	1-218-990-81	SHORT CHIP	0		
R5254	1-218-990-81	SHORT CHIP	0		
R5255	1-218-990-81	SHORT CHIP	0		
R5256	1-218-990-81	SHORT CHIP	0		
R5257	1-218-990-81	SHORT CHIP	0		
R5258	1-218-990-81	SHORT CHIP	0		
R5259	1-218-990-81	SHORT CHIP	0		
R5260	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5261	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5262	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5263	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5264	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5265	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5304	1-216-295-91	SHORT CHIP	0		
R5500	1-218-661-11	METAL CHIP	51	0.5%	1/10W
R5501	1-218-937-11	RES-CHIP	47	5%	1/16W
R5502	1-218-661-11	METAL CHIP	51	0.5%	1/10W
R5503	1-218-937-11	RES-CHIP	47	5%	1/16W
R5504	1-218-933-11	RES-CHIP	22	5%	1/16W
R5505	1-218-937-11	RES-CHIP	47	5%	1/16W
R5506	1-218-937-11	RES-CHIP	47	5%	1/16W
R5509	1-218-937-11	RES-CHIP	47	5%	1/16W
R5510	1-218-937-11	RES-CHIP	47	5%	1/16W
R5511	1-218-933-11	RES-CHIP	22	5%	1/16W
R5512	1-218-933-11	RES-CHIP	22	5%	1/16W
R5513	1-218-939-11	RES-CHIP	68	5%	1/16W
R5514	1-218-939-11	RES-CHIP	68	5%	1/16W
R5515	1-218-939-11	RES-CHIP	68	5%	1/16W
R5516	1-218-939-11	RES-CHIP	68	5%	1/16W
R5517	1-218-661-11	METAL CHIP	51	0.5%	1/10W
R5518	1-218-937-11	RES-CHIP	47	5%	1/16W
R5519	1-218-661-11	METAL CHIP	51	0.5%	1/10W
R5520	1-218-937-11	RES-CHIP	47	5%	1/16W
R5522	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R5523	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R5524	1-218-937-11	RES-CHIP	47	5%	1/16W
R5525	1-218-937-11	RES-CHIP	47	5%	1/16W
R5526	1-218-937-11	RES-CHIP	47	5%	1/16W
R5527	1-218-937-11	RES-CHIP	47	5%	1/16W
R5530	1-218-939-11	RES-CHIP	68	5%	1/16W
R5531	1-218-939-11	RES-CHIP	68	5%	1/16W
R5532	1-218-939-11	RES-CHIP	68	5%	1/16W
R5533	1-218-939-11	RES-CHIP	68	5%	1/16W
R5534	1-218-933-11	RES-CHIP	22	5%	1/16W
R5535	1-218-933-11	RES-CHIP	22	5%	1/16W
R5536	1-218-933-11	RES-CHIP	22	5%	1/16W
R5537	1-218-933-11	RES-CHIP	22	5%	1/16W
R5538	1-218-933-11	RES-CHIP	22	5%	1/16W
R5539	1-218-933-11	RES-CHIP	22	5%	1/16W
R5540	1-218-933-11	RES-CHIP	22	5%	1/16W
R5541	1-218-933-11	RES-CHIP	22	5%	1/16W
R5543	1-218-933-11	RES-CHIP	22	5%	1/16W
R5544	1-218-933-11	RES-CHIP	22	5%	1/16W
R5545	1-218-933-11	RES-CHIP	22	5%	1/16W
R5546	1-218-933-11	RES-CHIP	22	5%	1/16W
R5547	1-218-933-11	RES-CHIP	22	5%	1/16W
R5548	1-218-933-11	RES-CHIP	22	5%	1/16W
R5549	1-218-933-11	RES-CHIP	22	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R5550	1-218-933-11	RES-CHIP	22	5%	1/16W
R5802	1-218-929-11	RES-CHIP	10	5%	1/16W
R5803	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5804	1-218-990-81	SHORT CHIP	0		
R5805	1-218-929-11	RES-CHIP	10	5%	1/16W
R5806	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5807	1-218-990-81	SHORT CHIP	0		
R5808	1-218-990-81	SHORT CHIP	0		
R5809	1-218-990-81	SHORT CHIP	0		
R5810	1-216-864-11	SHORT CHIP	0		
R5813	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R5814	1-216-864-11	SHORT CHIP	0		
R5815	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5816	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R5817	1-218-941-81	RES-CHIP	100	5%	1/16W
R5818	1-218-941-81	RES-CHIP	100	5%	1/16W
R5819	1-218-990-81	SHORT CHIP	0		
R5820	1-218-990-81	SHORT CHIP	0		
R5821	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R5822	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5823	1-218-941-81	RES-CHIP	100	5%	1/16W
R5824	1-218-941-81	RES-CHIP	100	5%	1/16W
R5825	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5826	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5827	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5829	1-218-941-81	RES-CHIP	100	5%	1/16W
R5830	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5831	1-218-929-11	RES-CHIP	10	5%	1/16W
R5832	1-218-929-11	RES-CHIP	10	5%	1/16W
R5833	1-218-929-11	RES-CHIP	10	5%	1/16W
R5834	1-218-929-11	RES-CHIP	10	5%	1/16W
R5835	1-218-929-11	RES-CHIP	10	5%	1/16W
R5836	1-218-929-11	RES-CHIP	10	5%	1/16W
R5837	1-218-929-11	RES-CHIP	10	5%	1/16W
R5838	1-218-929-11	RES-CHIP	10	5%	1/16W
R5839	1-218-937-11	RES-CHIP	47	5%	1/16W
R5840	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5841	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5844	1-218-929-11	RES-CHIP	10	5%	1/16W
R5845	1-218-929-11	RES-CHIP	10	5%	1/16W
R5846	1-218-929-11	RES-CHIP	10	5%	1/16W
R5847	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5848	1-218-929-11	RES-CHIP	10	5%	1/16W
R5849	1-218-929-11	RES-CHIP	10	5%	1/16W
R5850	1-218-929-11	RES-CHIP	10	5%	1/16W
R5851	1-218-929-11	RES-CHIP	10	5%	1/16W
R5854	1-218-985-11	RES-CHIP	470K	5%	1/16W
R5855	1-218-985-11	RES-CHIP	470K	5%	1/16W
R5856	1-218-929-11	RES-CHIP	10	5%	1/16W
R5857	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R5859	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5860	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5861	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5862	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R5863	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R5864	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5865	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R5866	1-208-939-11	METAL CHIP	150K	0.5%	1/16W
R5867	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5870	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5871	1-218-935-11	RES-CHIP	33	5%	1/16W
R5872	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5873	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5875	1-218-989-11	RES-CHIP	1M	5%	1/16W
R5877	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
R5878	1-218-989-11	RES-CHIP	1M	5%	1/16W
R5879	1-218-990-81	SHORT CHIP	0		
R5881	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5882	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5883	1-220-876-81	METAL CHIP	18	0.5%	1/16W
R5884	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R5885	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R5886	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R5887	1-208-679-11	METAL CHIP	680	0.5%	1/16W
R5888	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5889	1-208-697-11	METAL CHIP	3.9K	0.5%	1/16W
R5890	1-218-948-11	RES-CHIP	390	5%	1/16W
R5892	1-218-933-11	RES-CHIP	22	5%	1/16W
R5893	1-218-937-11	RES-CHIP	47	5%	1/16W
R5894	1-218-937-11	RES-CHIP	47	5%	1/16W
R5895	1-218-937-11	RES-CHIP	47	5%	1/16W
R5896	1-218-937-11	RES-CHIP	47	5%	1/16W
R5900	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5901	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5902	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5903	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5904	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5907	1-218-990-81	SHORT CHIP	0		
R5908	1-218-990-81	SHORT CHIP	0		
R5909	1-218-990-81	SHORT CHIP	0		
R5910	1-218-990-81	SHORT CHIP	0		
R7000	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R7001	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R7002	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R7003	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7005	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R7006	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R7007	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R7008	1-218-891-11	METAL CHIP	68K	0.5%	1/10W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R7009	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7010	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R7011	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R7012	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7013	1-218-882-11	METAL CHIP	30K	0.5%	1/10W
R7014	1-218-937-11	RES-CHIP	47	5%	1/16W
R7015	1-218-937-11	RES-CHIP	47	5%	1/16W
R7016	1-216-295-91	SHORT CHIP	0		
R7017	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7019	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7020	1-216-864-11	SHORT CHIP	0		
R7021	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7022	1-216-864-11	SHORT CHIP	0		
R7023	1-216-864-11	SHORT CHIP	0		
R7024	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7025	1-216-864-11	SHORT CHIP	0		
R7026	1-216-864-11	SHORT CHIP	0		
R7027	1-218-990-81	SHORT CHIP	0		
R7028	1-208-933-11	METAL CHIP	82K	0.5%	1/16W
R7029	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R7030	1-208-943-11	METAL CHIP	220K	0.5%	1/16W
R7031	1-218-971-11	RES-CHIP	33K	5%	1/16W
R7032	1-218-990-81	SHORT CHIP	0		
R7033	1-218-990-81	SHORT CHIP	0		
R7034	1-218-990-81	SHORT CHIP	0		
R7035	1-218-990-81	SHORT CHIP	0		
R7036	1-218-990-81	SHORT CHIP	0		
R7037	1-218-990-81	SHORT CHIP	0		
R7038	1-208-713-11	METAL CHIP	18K	0.5%	1/16W
R7039	1-218-990-81	SHORT CHIP	0		
R7041	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7043	1-208-713-11	METAL CHIP	18K	0.5%	1/16W
R7044	1-218-990-81	SHORT CHIP	0		
R7045	1-218-941-81	RES-CHIP	100	5%	1/16W
R7046	1-216-295-91	SHORT CHIP	0		
R7048	1-216-864-11	SHORT CHIP	0		
R7049	1-216-864-11	SHORT CHIP	0		
R7050	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7051	1-218-839-11	METAL CHIP	470	0.5%	1/10W
R7053	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R7054	1-218-843-11	METAL CHIP	680	0.5%	1/10W
R7055	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7056	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R7057	1-216-843-11	METAL CHIP	68K	5%	1/10W
R7058	1-216-851-11	METAL CHIP	330K	5%	1/10W
R7060	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7063	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7064	1-216-864-11	SHORT CHIP	0		
R7066	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R7067	1-208-911-11	METAL CHIP	10K	0.5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R7080	1-218-990-81	SHORT CHIP	0		
R7082	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R7083	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R7085	1-208-909-11	METAL CHIP	8.2K	0.5%	1/16W
R7087	1-218-967-11	RES-CHIP	15K	5%	1/16W
R7090	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7091	1-208-929-81	METAL CHIP	56K	0.5%	1/16W
R7092	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R7093	1-216-295-91	SHORT CHIP	0		
R7094	1-216-864-11	SHORT CHIP	0		
R7095	1-216-864-11	SHORT CHIP	0		
R7096	1-216-864-11	SHORT CHIP	0		
R7097	1-216-295-91	SHORT CHIP	0		
R7098	1-216-295-91	SHORT CHIP	0		
R7099	1-216-295-91	SHORT CHIP	0		
R7100	1-216-295-91	SHORT CHIP	0		
R7101	1-216-864-11	SHORT CHIP	0		
R7102	1-216-864-11	SHORT CHIP	0		
R7103	1-216-864-11	SHORT CHIP	0		
R7104	1-216-864-11	SHORT CHIP	0		
R7105	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7106	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7107	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7108	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R7109	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7110	1-216-864-11	SHORT CHIP	0		
R7111	1-216-864-11	SHORT CHIP	0		
R7112	1-218-849-11	METAL CHIP	1.2K	0.5%	1/10W
R7119	1-218-990-81	SHORT CHIP	0		

< RESISTOR CHIP >

RB4007	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB4008	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB4014	1-234-371-21	RES, NETWORK 47	(1005X4)
RB4015	1-234-371-21	RES, NETWORK 47	(1005X4)
RB4016	1-234-371-21	RES, NETWORK 47	(1005X4)
RB4018	1-234-371-21	RES, NETWORK 47	(1005X4)
RB4019	1-234-371-21	RES, NETWORK 47	(1005X4)
RB4020	1-234-371-21	RES, NETWORK 47	(1005X4)
RB4700	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4701	1-234-372-11	RES, NETWORK 100	(1005X4)
RB4707	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB4708	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB4709	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB4710	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB4711	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB4712	1-234-379-21	RES, NETWORK 22K	(1005X4)
RB5000	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5001	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5002	1-234-372-11	RES, NETWORK 100	(1005X4)

REF.NO.	PART.NO	DESCRIPTION	REMARK
RB5003	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5004	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5005	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB5006	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB5007	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB5212	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB5213	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB5501	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5502	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5503	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5504	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5505	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5506	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5507	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5508	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5509	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5510	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5511	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5516	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5517	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5518	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5519	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5520	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5521	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5522	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5523	1-234-702-11	RES, NETWORK 68	(1005X4)
RB5800	1-242-963-21	RES, NETWORK 33	(1005X4)
RB5801	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5802	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5803	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5804	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5805	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5806	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5807	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5808	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5809	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5810	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5811	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5812	1-234-378-21	RES, NETWORK 10K	(1005X4)

< VARISTOR >

VD4400	1-802-078-11	VARISTOR (SMD)	
VD4401	1-802-078-11	VARISTOR (SMD)	
VD4402	1-802-078-11	VARISTOR (SMD)	
VD4403	1-802-078-11	VARISTOR (SMD)	
VD4404	1-802-078-11	VARISTOR (SMD)	
VD4405	1-802-078-11	VARISTOR (SMD)	
VD4406	1-802-078-11	VARISTOR (SMD)	
VD5801	1-802-078-11	VARISTOR (SMD)	
VD5802	1-802-078-11	VARISTOR (SMD)	
VD5803	6-500-701-01	DIODE PGB1010603NR	
VD5804	6-500-701-01	DIODE PGB1010603NR	
VD5805	6-500-701-01	DIODE PGB1010603NR	
VD5806	6-500-701-01	DIODE PGB1010603NR	
VD5807	6-500-701-01	DIODE PGB1010603NR	
VD5808	6-500-701-01	DIODE PGB1010603NR	
VD5809	6-500-701-01	DIODE PGB1010603NR	
VD5810	6-500-701-01	DIODE PGB1010603NR	
VD5811	6-500-701-01	DIODE PGB1010603NR	
VD5812	6-500-701-01	DIODE PGB1010603NR	
VD5813	6-500-701-01	DIODE PGB1010603NR	
VD5814	6-500-701-01	DIODE PGB1010603NR	
VD5815	6-500-701-01	DIODE PGB1010603NR	
VD5816	6-500-701-01	DIODE PGB1010603NR	
VD5817	6-500-701-01	DIODE PGB1010603NR	
VD5818	6-500-701-01	DIODE PGB1010603NR	
VD5819	6-500-701-01	DIODE PGB1010603NR	
VD5820	6-500-701-01	DIODE PGB1010603NR	
VD5821	6-500-701-01	DIODE PGB1010603NR	
VD5822	6-500-701-01	DIODE PGB1010603NR	

< CRYSTAL >

X4001	1-813-070-21	PIEZOELECTRIC OSCILLATOR
X4009	1-813-784-21	VIBRATOR, CRYSTAL
X5000	1-813-884-11	VIBRATOR, CRYSTAL 14.31818MHZ
X5800	1-813-528-11	VIBRATOR, CRYSTAL 27MHZ

*A-1184-346-A AE Board, Complete

< CAPACITOR >

C2008	1-127-573-11	CERAMIC CHIP 1UF	10%	16V
C2009	1-127-573-11	CERAMIC CHIP 1UF	10%	16V
C2013	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V
C2015	1-117-681-11	ELECT CHIP 100UF	20.00%	16V
C2016	1-127-573-11	CERAMIC CHIP 1UF	10%	16V
C2017	1-127-573-11	CERAMIC CHIP 1UF	10%	16V
C2018	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V
C2019	1-124-779-00	ELECT CHIP 10UF	20.00%	16V
C2020	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V
C2021	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V
C2023	1-117-681-11	ELECT CHIP 100UF	20.00%	16V
C2024	1-127-573-11	CERAMIC CHIP 1UF	10%	16V
C2025	1-127-573-11	CERAMIC CHIP 1UF	10%	16V
C2026	1-125-889-91	CERAMIC CHIP 2.2UF	10%	10V
C2027	1-162-908-11	CERAMIC CHIP 3PF	0.25PF	50V
C2028	1-127-715-91	CERAMIC CHIP 0.22UF	10%	16V
C2029	1-117-681-11	ELECT CHIP 100UF	20.00%	16V
C2033	1-125-889-91	CERAMIC CHIP 2.2UF	10%	10V
C2040	1-162-927-11	CERAMIC CHIP 100PF	5.00%	50V
C2041	1-162-927-11	CERAMIC CHIP 100PF	5.00%	50V
C2042	1-162-927-11	CERAMIC CHIP 100PF	5.00%	50V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C2101	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2103	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C2105	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C2111	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2114	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C2115	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2117	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C2119	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2120	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C2122	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C2127	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C2502	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V
C2504	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V
C2505	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V
C2507	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C2508	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2509	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2510	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2511	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2512	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C2513	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C2514	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C2515	1-164-933-11	CERAMIC CHIP 220PF	10.00% 50V
C2517	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2518	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2519	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2520	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2521	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2523	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2524	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2525	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2527	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2528	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2529	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2530	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2533	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2534	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2535	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2536	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2537	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2538	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2539	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2540	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2542	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2543	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2544	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C2545	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2546	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2547	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2548	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2549	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2550	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2551	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2552	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2553	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2554	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2555	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C2556	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C2557	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2560	1-112-692-11	CERAMIC CHIP 1000PF	5% 50V
C2561	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C2562	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C2563	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C2564	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C2565	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C2573	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2575	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C2576	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C2583	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C2586	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C2587	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C2588	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2589	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2590	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2591	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2592	1-162-965-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C2593	1-164-217-11	CERAMIC CHIP 150PF	5.00% 50V
C2594	1-164-217-11	CERAMIC CHIP 150PF	5.00% 50V
C2595	1-162-965-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C2596	1-162-965-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C2597	1-164-217-11	CERAMIC CHIP 150PF	5.00% 50V
C2598	1-164-217-11	CERAMIC CHIP 150PF	5.00% 50V
C2599	1-162-965-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C2600	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2601	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2602	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2603	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2604	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2605	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2606	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2607	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2608	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C2613	1-112-797-11	ELECT CHIP 470UF	20% 25V
C2614	1-112-800-11	ELECT CHIP 100UF	20% 35V
C2615	1-112-800-11	ELECT CHIP 100UF	20% 35V
C2616	1-112-800-11	ELECT CHIP 100UF	20% 35V
C2617	1-112-800-11	ELECT CHIP 100UF	20% 35V
C2618	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C2619	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C2620	1-100-912-11	CERAMIC CHIP 1UF	10% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C2621	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C2623	1-165-818-91	CERAMIC CHIP 0.68UF	10% 25V
C2624	1-165-818-91	CERAMIC CHIP 0.68UF	10% 25V
C2625	1-165-818-91	CERAMIC CHIP 0.68UF	10% 25V
C2626	1-165-818-91	CERAMIC CHIP 0.68UF	10% 25V
C2627	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C2628	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C2647	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C2648	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2800	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2801	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2802	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2803	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2804	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C2805	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C2809	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2810	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2811	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2812	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2813	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2814	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C2815	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C2816	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C2817	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2818	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2819	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C2826	1-127-931-21	ELECT CHIP 470UF	20% 16V
C9001	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9003	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9005	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9007	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9009	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9010	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9011	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9012	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9013	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9014	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9015	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9016	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9021	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9027	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C9028	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9029	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9030	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9031	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9032	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C9043	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9044	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9045	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C9046	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C9047	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9048	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9049	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9050	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9051	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9052	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9057	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9058	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9060	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9061	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9065	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9066	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9067	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9068	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9069	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9070	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9501	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C9502	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V

< CONNECTOR >

CN2301	1-820-184-11	HEADER ASSEMBLY (PRINT PWB) 7P
CN2302	1-820-185-11	HEADER ASSEMBLY (PRINT PWB) 8P
CN2303	1-820-211-11	HEADER ASSEMBLY FOR PWB 5P
CN2500	*1-819-461-11	HEADER ASSEMBLY FOR PWB 4P
CN9001	1-820-192-11	HEADER ASSEMBLY (PRINT PWB)15P
CN9501	1-819-390-51	FFC/FPC CONNECTOR (ZIF) 49P
CN9502	1-820-186-11	HEADER ASSEMBLY (PRINT PWB) 9P
CN9521	*1-780-408-11	TERMINAL
CN9522	*1-780-408-11	TERMINAL
CN9523	*1-780-408-11	TERMINAL
CN9524	*1-780-408-11	TERMINAL
CN9525	*1-780-408-11	TERMINAL
CN9526	*1-780-408-11	TERMINAL

< DIODE >

D2101	8-719-074-43	DIODE BAS316-115
D2501	8-719-072-66	DIODE PDZ11B-115
D2504	6-500-334-01	DIODE MC2836-T112-1
D2505	8-719-074-43	DIODE BAS316-115
D2507	8-719-074-43	DIODE BAS316-115
D2509	6-501-123-01	DIODE RB160M-60TR
D2510	6-501-123-01	DIODE RB160M-60TR
D2511	6-501-123-01	DIODE RB160M-60TR
D2512	6-501-123-01	DIODE RB160M-60TR
D2513	8-719-074-43	DIODE BAS316-115
D2514	6-501-123-01	DIODE RB160M-60TR
D2515	6-501-123-01	DIODE RB160M-60TR
D2516	6-501-123-01	DIODE RB160M-60TR
D2517	6-501-123-01	DIODE RB160M-60TR
D2804	8-719-074-43	DIODE BAS316-115

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

AE

REF.NO.	PART.NO	DESCRIPTION	REMARK
D2805	8-719-074-43	DIODE BAS316-115	
D9001	8-719-070-63	DIODE PDZ10B-115	
D9002	8-719-072-68	DIODE PDZ13B-115	
D9003	8-719-070-63	DIODE PDZ10B-115	
D9004	8-719-070-63	DIODE PDZ10B-115	
D9005	8-719-070-57	DIODE PDZ5.6B-115	
D9007	8-719-070-57	DIODE PDZ5.6B-115	
D9008	8-719-070-63	DIODE PDZ10B-115	
D9009	8-719-072-68	DIODE PDZ13B-115	
D9010	8-719-070-63	DIODE PDZ10B-115	
D9011	8-719-070-57	DIODE PDZ5.6B-115	
D9012	8-719-070-63	DIODE PDZ10B-115	
D9013	8-719-070-57	DIODE PDZ5.6B-115	
D9015	8-719-070-57	DIODE PDZ5.6B-115	
D9016	8-719-070-63	DIODE PDZ10B-115	
D9017	8-719-070-63	DIODE PDZ10B-115	
D9018	8-719-070-63	DIODE PDZ10B-115	
D9019	8-719-070-63	DIODE PDZ10B-115	
D9020	8-719-070-63	DIODE PDZ10B-115	
D9021	8-719-070-63	DIODE PDZ10B-115	
D9022	8-719-070-63	DIODE PDZ10B-115	
D9023	8-719-070-63	DIODE PDZ10B-115	
D9036	8-719-070-63	DIODE PDZ10B-115	
D9037	8-719-070-63	DIODE PDZ10B-115	
D9038	8-719-070-63	DIODE PDZ10B-115	
D9039	8-719-070-63	DIODE PDZ10B-115	
		< FERRITE BEAD >	
FB2500	1-400-089-21	FERRITE 0UH	
FB2501	1-400-089-21	FERRITE 0UH	
FB2502	1-400-089-21	FERRITE 0UH	
FB2503	1-400-089-21	FERRITE 0UH	
FB2504	1-400-040-22	FERRITE 0UH	
FB2505	1-400-040-22	FERRITE 0UH	
FB2506	1-400-040-22	FERRITE 0UH	
FB2507	1-400-040-22	FERRITE 0UH	
FB2508	1-400-040-22	FERRITE 0UH	
FB9003	1-216-864-11	SHORT CHIP 0	
		< FILTER >	
FL2001	1-234-558-21	FILTER, LOW PASS	
		< IC >	
IC2001	8-752-089-33	IC CXA2069Q-TL	
IC2501	6-709-191-01	IC MSP4410K-QA-D6-501	
IC2503	8-759-278-58	IC NJM4558V-TE2	
IC2507	6-710-142-01	IC R2A15105SP-W00T	
IC2801	8-759-278-58	IC NJM4558V-TE2	
IC2802	8-759-359-49	IC NJM3414AV(TE2)	
IC2803	6-709-927-01	IC RT8H225C-TP-2	
IC2804	6-709-927-01	IC RT8H225C-TP-2	
		< SOCKET >	
J9001	1-695-549-11	SOCKET, PIN 21P	
J9002	1-695-549-11	SOCKET, PIN 21P	
J9003	*1-819-358-11	PHONO JACK	
J9004	1-819-354-11	PHONO JACK 5P	
		< COIL >	
L2002	1-469-557-21	INDUCTOR 22UH	
L2003	1-469-555-21	INDUCTOR 10UH	
L2004	1-469-555-21	INDUCTOR 10UH	
L2101	1-469-555-21	INDUCTOR 10UH	
L2501	1-412-990-41	INDUCTOR 8.2UH	
L2502	1-400-794-21	FERRITE 0UH	
L2504	1-400-794-21	FERRITE 0UH	
L2505	1-469-555-21	INDUCTOR 10UH	
L2506	1-400-794-21	FERRITE 0UH	
L2508	1-481-083-11	INDUCTOR 22UH	
L2509	1-457-318-11	INDUCTOR 22UH	
L2510	1-457-318-11	INDUCTOR 22UH	
L2511	1-400-794-21	FERRITE 0UH	
L2512	1-400-794-21	FERRITE 0UH	
L2513	1-400-794-21	FERRITE 0UH	
L9001	1-469-555-21	INDUCTOR 10UH	
L9503	1-400-179-21	FERRITE 0UH	
L9504	1-400-179-21	FERRITE 0UH	
L9505	1-400-179-21	FERRITE 0UH	
		< PROTECTOR MODULE >	
PS2501 ⚠	1-576-958-21	FUSE 4A 24V	
		< TRANSISTOR >	
Q2001	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q2002	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q2003	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q2004	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2101	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2102	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2104	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2108	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q2109	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q2500	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q2501	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2502	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q2505	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2507	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q2508	8-729-120-28	TRANSISTOR 2SC1623-L5L6	

REF.NO.	PART.NO	DESCRIPTION	REMARK
Q2510	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q2511	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q2512	6-551-364-01	TRANSISTOR DTC614TUT106	
Q2513	6-551-364-01	TRANSISTOR DTC614TUT106	
Q2514	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2515	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2516	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2517	8-729-600-22	TRANSISTOR 2SA1235-F	
Q2518	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q2519	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q2520	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q2521	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q2803	6-551-364-01	TRANSISTOR DTC614TUT106	
Q2804	6-551-364-01	TRANSISTOR DTC614TUT106	
Q2806	6-551-364-01	TRANSISTOR DTC614TUT106	
Q2807	6-551-364-01	TRANSISTOR DTC614TUT106	
Q2815	8-729-602-21	TRANSISTOR 2SC4154TP-1G	
Q9001	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9002	8-729-120-28	TRANSISTOR 2SC1623-L5L6	

< RESISTOR >

R2002	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2003	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2004	1-216-864-11	SHORT CHIP	0		
R2005	1-216-864-11	SHORT CHIP	0		
R2006	1-216-809-11	METAL CHIP	100	5%	1/10W
R2007	1-216-809-11	METAL CHIP	100	5%	1/10W
R2008	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2009	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2010	1-216-864-11	SHORT CHIP	0		
R2011	1-216-864-11	SHORT CHIP	0		
R2012	1-216-864-11	SHORT CHIP	0		
R2014	1-216-864-11	SHORT CHIP	0		
R2015	1-216-864-11	SHORT CHIP	0		
R2017	1-216-864-11	SHORT CHIP	0		
R2019	1-216-809-11	METAL CHIP	100	5%	1/10W
R2020	1-216-809-11	METAL CHIP	100	5%	1/10W
R2023	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2024	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2025	1-216-864-11	SHORT CHIP	0		
R2026	1-216-864-11	SHORT CHIP	0		
R2027	1-216-864-11	SHORT CHIP	0		
R2028	1-216-864-11	SHORT CHIP	0		
R2029	1-216-864-11	SHORT CHIP	0		
R2030	1-216-809-11	METAL CHIP	100	5%	1/10W
R2031	1-216-817-11	METAL CHIP	470	5%	1/10W
R2032	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R2033	1-216-818-11	METAL CHIP	560	5%	1/10W
R2034	1-216-817-11	METAL CHIP	470	5%	1/10W
R2035	1-216-809-11	METAL CHIP	100	5%	1/10W
R2036	1-216-809-11	METAL CHIP	100	5%	1/10W
R2037	1-216-817-11	METAL CHIP	470	5%	1/10W
R2038	1-216-817-11	METAL CHIP	470	5%	1/10W
R2039	1-216-864-11	SHORT CHIP	0		
R2101	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2102	1-216-809-11	METAL CHIP	100	5%	1/10W
R2103	1-216-864-11	SHORT CHIP	0		
R2104	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R2109	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2117	1-216-857-11	METAL CHIP	1M	5%	1/10W
R2121	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2125	1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W
R2128	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R2131	1-216-864-11	SHORT CHIP	0		
R2132	1-216-857-11	METAL CHIP	1M	5%	1/10W
R2134	1-216-864-11	SHORT CHIP	0		
R2137	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2139	1-216-815-11	METAL CHIP	330	5%	1/10W
R2140	1-216-864-11	SHORT CHIP	0		
R2151	1-216-864-11	SHORT CHIP	0		
R2301	1-216-864-11	SHORT CHIP	0		
R2305	1-216-864-11	SHORT CHIP	0		
R2500	1-216-864-11	SHORT CHIP	0		
R2501	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2504	1-216-864-11	SHORT CHIP	0		
R2505	1-216-864-11	SHORT CHIP	0		
R2507	1-216-805-11	METAL CHIP	47	5%	1/10W
R2508	1-216-864-11	SHORT CHIP	0		
R2510	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2511	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2512	1-218-990-81	SHORT CHIP	0		
R2514	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2515	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2517	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2518	1-400-499-21	FERRITE	0UH		
R2519	1-400-499-21	FERRITE	0UH		
R2520	1-216-841-11	METAL CHIP	47K	5%	1/10W
R2522	1-218-990-81	SHORT CHIP	0		
R2525	1-218-990-81	SHORT CHIP	0		
R2531	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R2532	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R2533	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R2534	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R2535	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R2537	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R2539	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R2540	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R2541	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R2545	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R2547	1-208-911-11	METAL CHIP	10K	0.5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK
R2549	1-208-927-11	METAL CHIP 47K 0.5% 1/16W	
R2550	1-208-699-11	METAL CHIP 4.7K 0.5% 1/16W	
R2554	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R2555	1-208-935-11	METAL CHIP 100K 0.5% 1/16W	
R2556	1-208-699-11	METAL CHIP 4.7K 0.5% 1/16W	
R2557	1-208-711-11	METAL CHIP 15K 0.5% 1/16W	
R2559	1-208-711-11	METAL CHIP 15K 0.5% 1/16W	
R2561	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
R2562	1-218-869-11	METAL CHIP 8.2K 0.5% 1/10W	
R2563	1-218-869-11	METAL CHIP 8.2K 0.5% 1/10W	
R2564	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
R2566	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W	
R2567	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R2587	1-216-857-11	METAL CHIP 1M 5% 1/10W	
R2588	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R2593	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R2601	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2603	1-218-865-11	METAL CHIP 5.6K 0.5% 1/10W	
R2611	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R2612	1-216-864-11	SHORT CHIP 0	
R2613	1-218-887-11	METAL CHIP 47K 0.5% 1/10W	
R2614	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
R2615	1-218-887-11	METAL CHIP 47K 0.5% 1/10W	
R2616	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
R2617	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R2620	1-216-864-11	SHORT CHIP 0	
R2622	1-216-864-11	SHORT CHIP 0	
R2624	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W	
R2625	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W	
R2626	1-218-875-11	METAL CHIP 15K 0.5% 1/10W	
R2627	1-218-897-11	METAL CHIP 120K 0.5% 1/10W	
R2628	1-218-885-11	METAL CHIP 39K 0.5% 1/10W	
R2629	1-218-875-11	METAL CHIP 15K 0.5% 1/10W	
R2630	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W	
R2631	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W	
R2632	1-218-897-11	METAL CHIP 120K 0.5% 1/10W	
R2633	1-218-897-11	METAL CHIP 120K 0.5% 1/10W	
R2636	1-216-296-11	SHORT CHIP 0	
R2637	1-216-296-11	SHORT CHIP 0	
R2642	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2643	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2644	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2645	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2646	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2647	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2652	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R2653	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2654	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2655	1-216-864-11	SHORT CHIP 0	
R2656	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R2658	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R2662	1-216-864-11	SHORT CHIP 0	
R2663	1-216-864-11	SHORT CHIP 0	
R2664	1-216-864-11	SHORT CHIP 0	
R2665	1-216-864-11	SHORT CHIP 0	
R2801	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R2802	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R2803	1-218-873-11	METAL CHIP 12K 0.5% 1/10W	
R2804	1-218-875-11	METAL CHIP 15K 0.5% 1/10W	
R2805	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R2806	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R2814	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R2815	1-218-873-11	METAL CHIP 12K 0.5% 1/10W	
R2820	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
R2821	1-218-863-11	METAL CHIP 4.7K 0.5% 1/10W	
R2822	1-218-863-11	METAL CHIP 4.7K 0.5% 1/10W	
R2823	1-218-871-11	METAL CHIP 10K 0.5% 1/10W	
R2826	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2827	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2828	1-216-844-11	METAL CHIP 82K 5% 1/10W	
R2829	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R2830	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R2831	1-216-844-11	METAL CHIP 82K 5% 1/10W	
R2832	1-218-887-11	METAL CHIP 47K 0.5% 1/10W	
R2833	1-218-887-11	METAL CHIP 47K 0.5% 1/10W	
R2834	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
R2835	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
R2837	1-216-857-11	METAL CHIP 1M 5% 1/10W	
R2839	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2840	1-216-864-11	SHORT CHIP 0	
R2841	1-216-864-11	SHORT CHIP 0	
R2843	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R2844	1-216-813-11	METAL CHIP 220 5% 1/10W	
R2846	1-216-813-11	METAL CHIP 220 5% 1/10W	
R2851	1-216-864-11	SHORT CHIP 0	
R2852	1-216-864-11	SHORT CHIP 0	
R2855	1-216-864-11	SHORT CHIP 0	
R2856	1-216-864-11	SHORT CHIP 0	
R2858	1-216-857-11	METAL CHIP 1M 5% 1/10W	
R2859	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R2863	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R2872	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R2873	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R2876	1-216-864-11	SHORT CHIP 0	
R2879	1-216-864-11	SHORT CHIP 0	
R2882	1-216-864-11	SHORT CHIP 0	
R2883	1-216-864-11	SHORT CHIP 0	
R2884	1-216-864-11	SHORT CHIP 0	
R2885	1-216-864-11	SHORT CHIP 0	
R9001	1-216-864-11	SHORT CHIP 0	

REF.NO.	PART.NO	DESCRIPTION			REMARK
R9002	1-216-864-11	SHORT CHIP	0		
R9005	1-218-285-11	METAL CHIP	75	5%	1/10W
R9006	1-218-285-11	METAL CHIP	75	5%	1/10W
R9007	1-216-815-11	METAL CHIP	330	5%	1/10W
R9008	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9009	1-216-815-11	METAL CHIP	330	5%	1/10W
R9010	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9011	1-216-815-11	METAL CHIP	330	5%	1/10W
R9012	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9013	1-216-815-11	METAL CHIP	330	5%	1/10W
R9014	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9015	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9017	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9018	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9019	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9020	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9021	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9023	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9024	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9025	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9026	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9027	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9028	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9029	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9030	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9031	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9032	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9033	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9034	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9035	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9036	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9037	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9038	1-216-813-11	METAL CHIP	220	5%	1/10W
R9039	1-216-864-11	SHORT CHIP	0		
R9040	1-216-813-11	METAL CHIP	220	5%	1/10W
R9041	1-216-864-11	SHORT CHIP	0		
R9042	1-216-809-11	METAL CHIP	100	5%	1/10W
R9044	1-216-809-11	METAL CHIP	100	5%	1/10W
R9045	1-216-809-11	METAL CHIP	100	5%	1/10W
R9046	1-216-817-11	METAL CHIP	470	5%	1/10W
R9047	1-216-813-11	METAL CHIP	220	5%	1/10W
R9048	1-216-864-11	SHORT CHIP	0		
R9049	1-216-813-11	METAL CHIP	220	5%	1/10W
R9050	1-216-864-11	SHORT CHIP	0		
R9051	1-216-809-11	METAL CHIP	100	5%	1/10W
R9053	1-216-809-11	METAL CHIP	100	5%	1/10W
R9054	1-216-809-11	METAL CHIP	100	5%	1/10W
R9055	1-216-809-11	METAL CHIP	100	5%	1/10W
R9056	1-216-817-11	METAL CHIP	470	5%	1/10W
R9057	1-216-809-11	METAL CHIP	100	5%	1/10W
R9058	1-216-809-11	METAL CHIP	100	5%	1/10W
R9059	1-216-809-11	METAL CHIP	100	5%	1/10W
R9060	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R9061	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R9062	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9063	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9064	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9065	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9066	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9067	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9068	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9069	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9070	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R9071	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R9072	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9073	1-216-809-11	METAL CHIP	100	5%	1/10W
R9074	1-216-819-11	METAL CHIP	680	5%	1/10W
R9075	1-216-819-11	METAL CHIP	680	5%	1/10W
R9086	1-216-864-11	SHORT CHIP	0		
R9088	1-216-849-11	METAL CHIP	220K	5%	1/10W
R9089	1-216-849-11	METAL CHIP	220K	5%	1/10W
R9095	1-216-864-11	SHORT CHIP	0		
R9096	1-216-864-11	SHORT CHIP	0		
R9104	1-216-864-11	SHORT CHIP	0		
R9105	1-216-864-11	SHORT CHIP	0		
R9106	1-216-864-11	SHORT CHIP	0		
R9107	1-216-864-11	SHORT CHIP	0		
R9109	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9110	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9111	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9112	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9113	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9114	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9115	1-216-801-11	METAL CHIP	22	5%	1/10W
R9116	1-216-801-11	METAL CHIP	22	5%	1/10W
R9117	1-216-801-11	METAL CHIP	22	5%	1/10W
R9122	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9123	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9124	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9125	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9126	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9127	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9128	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9129	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9130	1-216-815-11	METAL CHIP	330	5%	1/10W
R9131	1-216-815-11	METAL CHIP	330	5%	1/10W
R9135	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9136	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9137	1-218-831-11	METAL CHIP	220	0.5%	1/10W
R9138	1-218-831-11	METAL CHIP	220	0.5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK
R9139	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9140	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9141	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9142	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9143	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9144	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9145	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9146	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9147	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R9150	1-216-864-11	SHORT CHIP 0	
R9151	1-216-864-11	SHORT CHIP 0	
R9152	1-216-864-11	SHORT CHIP 0	
R9153	1-216-864-11	SHORT CHIP 0	
R9154	1-216-864-11	SHORT CHIP 0	
R9155	1-216-864-11	SHORT CHIP 0	
R9156	1-216-864-11	SHORT CHIP 0	
R9157	1-216-864-11	SHORT CHIP 0	
R9158	1-216-864-11	SHORT CHIP 0	
R9159	1-216-864-11	SHORT CHIP 0	
R9160	1-216-864-11	SHORT CHIP 0	
R9161	1-216-864-11	SHORT CHIP 0	
R9501	1-216-864-11	SHORT CHIP 0	
R9502	1-216-864-11	SHORT CHIP 0	
R9506	1-216-864-11	SHORT CHIP 0	
R9515	1-216-864-11	SHORT CHIP 0	
R9516	1-216-864-11	SHORT CHIP 0	
R9517	1-216-864-11	SHORT CHIP 0	
R9518	1-216-864-11	SHORT CHIP 0	
R9519	1-216-864-11	SHORT CHIP 0	
R9520	1-216-864-11	SHORT CHIP 0	
R9521	1-216-864-11	SHORT CHIP 0	
R9522	1-216-864-11	SHORT CHIP 0	
R9523	1-216-864-11	SHORT CHIP 0	
R9524	1-216-864-11	SHORT CHIP 0	
R9525	1-216-864-11	SHORT CHIP 0	
R9526	1-216-864-11	SHORT CHIP 0	
R9527	1-216-864-11	SHORT CHIP 0	
R9528	1-216-864-11	SHORT CHIP 0	
R9529	1-216-864-11	SHORT CHIP 0	
R9530	1-216-864-11	SHORT CHIP 0	
R9546	1-216-809-11	METAL CHIP 100 5% 1/10W	
R9547	1-216-809-11	METAL CHIP 100 5% 1/10W	
		< VARISTOR >	
VD9013	8-719-070-63	DIODE PDZ10B-115	
VD9014	8-719-070-63	DIODE PDZ10B-115	
VD9015	8-719-070-63	DIODE PDZ10B-115	
VD9016	8-719-070-63	DIODE PDZ10B-115	
VD9017	8-719-070-63	DIODE PDZ10B-115	
VD9018	8-719-070-63	DIODE PDZ10B-115	
VD9025	1-802-082-11	VARISTOR (SMD)	
VD9026	1-802-082-11	VARISTOR (SMD)	
		< CRYSTAL >	
X2500	1-795-612-11	VIBRATOR, CRYSTAL	

*A-1196-584-A H1E Board, Complete

		< CONNECTOR >	
CN1101	*1-819-445-11	HEADER ASSEMBLY FOR PWB 3P	
		< RESISTOR >	
R1101	1-218-848-11	METAL CHIP 1.1K 0.5% 1/10W	
R1102	1-218-841-11	METAL CHIP 560 0.5% 1/10W	
R1103	1-218-835-11	METAL CHIP 330 0.5% 1/10W	
R1104	1-218-831-11	METAL CHIP 220 0.5% 1/10W	
R1105	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
		< SWITCH >	
S1101	1-572-595-31	SWITCH, TACTIL (REFLOW TYPE)	
S1102	1-572-595-31	SWITCH, TACTIL (REFLOW TYPE)	
S1103	1-572-595-31	SWITCH, TACTIL (REFLOW TYPE)	
S1104	1-572-595-31	SWITCH, TACTIL (REFLOW TYPE)	
S1105	1-572-595-31	SWITCH, TACTIL (REFLOW TYPE)	
S1106	1-572-595-31	SWITCH, TACTIL (REFLOW TYPE)	
S1107	1-572-595-31	SWITCH, TACTIL (REFLOW TYPE)	

*A-1196-585-A H2E Board, Complete (KDL-40W2000)

		< CAPACITOR >	
C1201	1-162-964-11	CERAMIC CHIP 0.001UF 10.00% 50V	
C1202	1-162-964-11	CERAMIC CHIP 0.001UF 10.00% 50V	
C1203	1-127-573-11	CERAMIC CHIP 1UF 10% 16V	
C1204	1-127-573-11	CERAMIC CHIP 1UF 10% 16V	
C1205	1-125-891-11	CERAMIC CHIP 0.47UF 10.00% 10V	
C1206	1-125-889-91	CERAMIC CHIP 2.2UF 10% 10V	
C1207	1-125-889-91	CERAMIC CHIP 2.2UF 10% 10V	
C1208	1-125-889-91	CERAMIC CHIP 2.2UF 10% 10V	
C1209	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V	
C1210	1-164-227-11	CERAMIC CHIP 0.022UF 10.00% 25V	
C1211	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V	
C1212	1-164-227-11	CERAMIC CHIP 0.022UF 10.00% 25V	
C1215	1-115-416-11	CERAMIC CHIP 0.001UF 5.00% 25V	
		< CONNECTOR >	
CN1201	1-820-192-11	HEADER ASSEMBLY (PRINT PWB)15P	

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< DIODE >	
D1201	8-719-070-63	DIODE PDZ10B-115	
D1202	8-719-070-63	DIODE PDZ10B-115	
D1203	8-719-070-63	DIODE PDZ10B-115	
D1204	8-719-070-63	DIODE PDZ10B-115	
D1205	8-719-070-63	DIODE PDZ10B-115	
D1206	8-719-070-63	DIODE PDZ10B-115	
		< SOCKET >	
J1201	1-780-368-11	S TERMINAL BLOCK (RIGHT ANGLE)	
J1202	1-815-325-11	JACK	
		< RESISTOR >	
R1202	1-216-864-11	SHORT CHIP 0	
R1205	1-216-821-11	METAL CHIP 1K 5%	1/10W
R1206	1-216-821-11	METAL CHIP 1K 5%	1/10W
R1207	1-218-831-11	METAL CHIP 220 0.5%	1/10W
R1208	1-218-831-11	METAL CHIP 220 0.5%	1/10W
R1209	1-218-285-11	METAL CHIP 75 5%	1/10W
R1210	1-218-831-11	METAL CHIP 220 0.5%	1/10W
R1211	1-218-831-11	METAL CHIP 220 0.5%	1/10W
R1212	1-216-797-11	METAL CHIP 10 5%	1/10W
R1213	1-216-821-11	METAL CHIP 1K 5%	1/10W
R1214	1-216-821-11	METAL CHIP 1K 5%	1/10W
R1215	1-216-809-11	METAL CHIP 100 5%	1/10W
R1216	1-216-809-11	METAL CHIP 100 5%	1/10W
R1217	1-216-821-11	METAL CHIP 1K 5%	1/10W
R1218	1-216-821-11	METAL CHIP 1K 5%	1/10W
R1219	1-216-809-11	METAL CHIP 100 5%	1/10W
R1220	1-216-797-11	METAL CHIP 10 5%	1/10W
R1222	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1223	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1224	1-218-831-11	METAL CHIP 220 0.5%	1/10W
R1225	1-218-831-11	METAL CHIP 220 0.5%	1/10W
		< VARISTOR >	
VD1201	1-802-082-11	VARISTOR (SMD)	
VD1202	1-802-082-11	VARISTOR (SMD)	
VD1203	1-802-082-11	VARISTOR (SMD)	

***A-1196-586-A H3E Board, Complete**

		< CAPACITOR >	
C1302	1-162-960-11	CERAMIC CHIP 220PF 10.00%	50V
C1303	1-119-667-11	CERAMIC CHIP 22UF	10V
C1305	*1-165-908-11	CERAMIC CHIP 1UF 10%	10V
C1307	1-107-826-11	CERAMIC CHIP 0.1UF 10.00%	16V
C1308	1-126-205-11	ELECT CHIP 47UF 20.00%	6.3V
		< CONNECTOR >	
CN1301	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)10P	
		< DIODE >	
D1302	8-719-085-26	DIODE CL-165HR/SYG-D-T	
D1305	8-719-085-26	DIODE CL-165HR/SYG-D-T	
D1308	6-500-817-01	DIODE (LED) SML-512UWT86	
		< IC >	
IC1301	6-600-502-01	HIC GP1UE26RK0VF	
IC1302	6-600-447-01	IC TPS853(SONY)	
		< TRANSISTOR >	
Q1301	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q1302	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q1303	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q1304	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q1305	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q1306	8-729-602-36	TRANSISTOR 2SA1602-F	
		< RESISTOR >	
R1301	1-216-815-11	METAL CHIP 330 5%	1/10W
R1302	1-216-811-11	METAL CHIP 150 5%	1/10W
R1303	1-216-815-11	METAL CHIP 330 5%	1/10W
R1304	1-216-811-11	METAL CHIP 150 5%	1/10W
R1305	1-216-821-11	METAL CHIP 1K 5%	1/10W
R1306	1-216-817-11	METAL CHIP 470 5%	1/10W
R1307	1-216-805-11	METAL CHIP 47 5%	1/10W
R1309	1-216-839-11	METAL CHIP 33K 5%	1/10W
R1310	1-216-821-11	METAL CHIP 1K 5%	1/10W
R1311	1-216-833-11	METAL CHIP 10K 5%	1/10W
R1313	1-216-849-11	METAL CHIP 220K 5%	1/10W
R1314	1-216-849-11	METAL CHIP 220K 5%	1/10W
R1315	1-216-864-11	SHORT CHIP 0	
R1316	1-216-827-11	METAL CHIP 3.3K 5%	1/10W

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.	PART.NO	DESCRIPTION	REMARK

MISCELLANEOUS

⚠	1-830-611-11	POWER-SUPPLY CORD (AEP)	
⚠	1-830-609-11	AC POWER-SUPPLY CORD SET (UK)	
	1-826-532-11	LOUDSPEAKER (5.5X15CM) (KDL-40W2000)	
	1-826-435-11	LOUDSPEAKER (13X7CM) (KDL-46W2000)	
	1-833-275-12	LEAD WIRE WITH CONNECTOR(LVDS) (KDL-40W2000)	
	1-833-276-12	LEAD WIRE WITH CONNECTOR(LVDS) (KDL-46W2000)	
⚠	1-819-729-14	INLET, AC (WITH NOISE FILTER)	
	1-802-184-11	LCD PANEL (40INCH FHD TFT) (KDL-40W2000)	
	1-802-183-11	LCD PANEL (46INCH FHD TFT) (KDL-46W2000)	

ACCESSORIES AND CONNECTORS

	*1-910-025-32	CONNECTOR ASSY 6P (CN3904-CN-2301(1))	
	*1-910-025-33	CONNECTOR ASSY 7P (CN3401-CN2302(1))	
	*1-910-025-35	CONNECTOR ASSY 30P (CN3600-CN3901(1))	
	*1-910-025-38	CONNECTOR ASSY 1P (CN1201-PANEL(1))	(KDL-40W2000)
	*1-910-025-39	CONNECTOR ASSY (FFC) 20P (CN4700-CN3400(1))	
	*1-910-025-63	FFC CONNECTOR ASSY 49P (CN1001-CN9501(1))	
	*1-910-025-82	CONNECTOR ASSY 14P (CN6200-CN2303(1), CN2303-CN4002(0)) (KDL-40W2000)	
	*1-910-025-85	CONNECTOR ASSY 15P (CN1201-CN9001(1))	(KDL-40W2000)
	*1-910-025-88	CONNECTOR ASSY 14P (CN6200-CN2303(1), CN2303-CN4002(0)) (KDL-46W2000)	
	*1-910-025-90	CONNECTOR ASSY 10P (INVERTER L-CN6204(1))	(KDL-46W2000)
	*1-910-032-02	CONNECTOR ASSY 3P (CN1101-CN4007(1))	(KDL-40W2000)
	*1-910-032-10	CONNECTOR ASSY 9P (CN9502-CN7008(1))	
	*1-910-032-11	CONNECTOR ASSY 3P (CN1101-CN4007(1))	(KDL-46W2000)
	*1-910-032-15	CONNECTOR ASSY 1P (VESA ARM-CN6206(1))	
	*1-910-032-16	CONNECTOR ASSY 1P (VESA ARM-CN6207(1))	
	*1-910-032-17	CONNECTOR ASSY 1P (VESA ARM-CN6000(1))	
	*1-910-032-20	CONNECTOR ASSY 10P (CN1301-CN4008(1))	(KDL-40W2000)
	*1-910-032-21	CONNECTOR ASSY 12P (INVERTER-CN6202(1), INVERTER-CN6217(0), CN6217-CN7009(0)) (KDL-40W2000)	
	*1-910-032-22	SP CONNECTOR ASSY 4P (CN2500-SP(1)	(KDL-40W2000)
	*1-910-032-23	CONNECTOR ASSY 10P (CN1301-CN4008(1))	
	*1-910-032-25	SP CONNECTOR ASSY (CN2500-SP(1))	
	*1-910-032-27	CONNECTOR ASSY 10P (CN4300-CN3903(1))	
	*1-910-032-28	CONNECTOR ASSY 12P (CN3802-CN4301(1))	
	*1-910-032-89	CONNECTOR ASSY 12P (INVERTER-CN6202(1), INVERTER-CN6217(0), CN6217-CN7009(0)) (KDL-46W2000)	
	*1-910-032-95	CONNECTOR ASSY 15P (CN201-CN9001(1))	(KDL-46W2000)
	*2-697-124-11	INSTRUCTION MANUAL (ENGLISH)	(KDL-40/46W2000UK)
	*2-697-124-21	INSTRUCTION MANUAL (ENGLISH/GERMAN/DUTCH/ PORTUGUESE/NORWEGIAN) (KDL-40/46W2000AEP)	
	*2-697-124-31	INSTRUCTION MANUAL (FRENCH/ITALIAN/SPANISH/ FINNISH) (KDL-40/46W2000AEP)	
	*2-697-124-41	INSTRUCTION MANUAL (SWEDISH/DANISH/GREEK/ RUSSIAN/POLISH) (KDL-40/46W2000AEP)	

REMOTE COMMANDER

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